



EVALUATION REPORT

FLORIDA BUILDING CODE, 9TH EDITION (2026)

Manufacturer: SIPLAST, INC.
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Issued August 5, 2026

Manufacturing Plants: Arkadelphia, AR

Quality Assurance: UL LLC (QUA9625)

SCOPE

Category: Roofing
Subcategory: Modified Bitumen Roof System
Code Edition: Florida Building Code, 9th Edition (2026) including High-Velocity Hurricane Zones (HVHZ)
Code Sections: 1504.3.1, 1504.6, 1507.10.2, 1507.11, 1515.1.1, 1515.1.4, 1523.1.1, 1523.6.2
Properties: Wind Resistance, Physical Properties

PRODUCT DESCRIPTION

Products	Specification	Description
Irex 40	ASTM D 6163	Base or ply sheet for mechanical attachment, hot asphalt, and torch adhering applications
Parabase	ASTM D 4601	Base or ply sheet for mechanical attachment or hot asphalt applications
Parabase FS	ASTM D 4601	Base sheet for mechanical attachment applications
Parabase Plus	ASTM D 4601	Base or ply sheet for mechanical attachment or hot asphalt applications
Parabase Plus P	ASTM D 4601	Base or ply sheet for mechanical attachment applications
Paradiene 20	ASTM D 6163	Base or ply sheet for hot asphalt or cold adhesive applications
Pro Base	ASTM D 6163	Base or ply sheet for hot asphalt or cold adhesive applications
Paradiene 20 SA	ASTM D 6163	Base or ply sheet for self-adhesive applications
Paradiene 20 TS	ASTM D 6163	Base sheet for torch adhering applications
Paradiene 20 TS SA	ASTM D 6163	Base sheet for torch adhering applications
Paradiene 20 TG	ASTM D 6163	Base or ply sheet for torch adhering applications
Paradiene 20 TG F	ASTM D 6163	Base sheet or ply sheet for torch adhering applications
Paradiene 20 EG	ASTM D 6163	Base or ply sheet for hot asphalt or cold adhesive applications
Paradiene 20 EG TG	ASTM D 6163	Base or ply sheet for torch adhering applications
Paradiene 20 HV	ASTM D 6163	Base or ply sheet for hot asphalt or cold adhesive applications
Paradiene 20 HV TG	ASTM D 6163	Base or ply sheet for torch adhering applications
Paradiene 20 HT	ASTM D 6163	Base or ply sheet for hot asphalt or cold adhesive applications
Paradiene 20 HT TG	ASTM D 6163	Base or ply sheet for torch adhering applications
Paradiene 20 PR	ASTM D 6164	Base or ply sheet for hot asphalt or cold adhesive applications
Paradiene 20 PR TG	ASTM D 6164	Base or ply sheet for torch adhering applications
Paradiene 30 TG	ASTM D 6163	Cap sheet for torch adhering applications
Paradiene 30 MW FR	ASTM D 6163	Cap sheet for cold adhesive applications
Paradiene 30 FR	ASTM D 6163	Cap sheet for cold adhesive applications



Products	Specification	Description
Paradiene 30 FR BW	ASTM D 6163	Cap sheet for cold adhesive applications
Paradiene 30 FR SA	ASTM D 6163	Cap sheet for self-adhesive applications
Paradiene 30 FR TG	ASTM D 6163	Cap sheet for torch adhering applications
Paradiene 30 FR TG Eco-Activ	ASTM D 6163	Cap sheet for torch adhering applications
Paradiene 30 CR FR	ASTM D 6163	Cap sheet for cold adhesive applications
Paradiene 30 CR FR TG	ASTM D 6163	Cap sheet for torch adhering applications
Paradiene 30 HT FR	ASTM D 6163	Cap sheet for cold adhesive applications
Paradiene 30 HT FR TG	ASTM D 6163	Cap sheet for torch adhering applications
Paradiene 30 HT CR FR TG	ASTM D 6163	Cap sheet for torch adhering applications
Paradiene 40 FR	ASTM D 6163	Cap sheet for cold adhesive applications
Paradiene 40 FR BW	ASTM D 6163	Cap sheet for cold adhesive applications
Paradiene 40 FR Eco-Active	ASTM D 6163	Cap sheet for cold adhesive applications
Paradiene 40 CR FR	ASTM D 6163	Cap sheet for cold adhesive applications
Paradiene 40 FR TG	ASTM D 6163	Cap sheet for torch adhering applications
Paradiene 40 FR TG Eco-Activ	ASTM D 6163	Cap sheet for torch adhering applications
Paradiene 40 CR FR TG	ASTM D 6163	Cap sheet for torch adhering applications
Parafor 50 LT	ASTM D 6164	Cap sheet for hot asphalt, cold adhesive or torch adhering applications.
Parafor 50 TG	ASTM D 6164	Cap sheet for torch adhering applications
Paraflex Liquid Membrane	FM 4470	STP resin used as a cap sheet over Pro Base series base plies
Parapro Roof Membrane Resin	FM 4470	PMMA resin used as a cap sheet over Pro Base series base plies
Paratech 180 Base	ASTM D 6164	Base or ply sheet for hot asphalt or cold adhesive applications
Paratech 180 Base TG	ASTM D 6164	Base or ply sheet for torch adhering applications
Paratech 180 Cap	ASTM D 6164	Cap sheet for cold adhesive applications
Paratech 180 Cap FR	ASTM D 6164	Cap sheet for cold adhesive applications
Paratech 180 Cap FR TG	ASTM D 6164	Cap sheet for torch adhering applications
Paratech 180 Cap TG	ASTM D 6164	Cap sheet for torch adhering applications
Paratech 250 Base	ASTM D 6164	Base or ply sheet for hot asphalt or cold adhesive applications
Paratech 250 Cap FR	ASTM D 6164	Cap sheet for cold adhesive applications
Paratech 250 Cap FR TG	ASTM D 6164	Cap sheet for torch adhering applications
Paratech Glass Base	ASTM D 6163	Base or ply sheet for hot asphalt or cold adhesive applications
Paratech Glass Base SA 2.5	ASTM D 4601	Base sheet for self-adhesive applications
Paratech Glass Base TG	ASTM D 6163	Base or ply sheet for torch adhering applications
Paratech Glass Cap FR	ASTM D 6163	Cap sheet for cold adhesive applications
Paratech Glass Cap FR TG	ASTM D 6163	Cap sheet for torch adhering applications
Pro Base LP	Proprietary	Base sheet for cold adhesive applications with Paraflex or Parapro liquid membranes only
Pro Base LP TG	Proprietary	Base sheet for torch adhering applications with Paraflex or Parapro liquid membranes only
Pro Base LP SA	Proprietary	Base sheet for self-adhesive applications with Paraflex or Parapro liquid membranes only
Pro Base SA	ASTM D 6163	Base or ply sheet for self-adhesive applications
Pro Base TS	ASTM D 6163	Base sheet for torch adhering applications
Pro Base TS SA	ASTM D 6163	Base sheet for torch adhering applications
Pro Base TG	ASTM D 6163	Base or ply sheet for torch adhering applications
Teranap 1M Film	ASTM D 6164	Cap sheet for torch adhering applications in plaza deck systems.
Teranap 1M Sand	ASTM D 6164	Ply sheet for hot asphalt, cold adhesive or torch adhering applications in plaza deck systems.
Veral Aluminum	ASTM D 6298	Cap sheet for torch adhering applications

REFERENCES

<u>Entity</u>	<u>Report No.</u>	<u>Standard</u>
Atlantic & Caribbean Roof Consulting (TST4671)	ACRC 05-003	TAS 114(J) (2011)
Atlantic & Caribbean Roof Consulting (TST4671)	ACRC 06-025	TAS 114(D) (2011)
Atlantic & Caribbean Roof Consulting (TST4671)	ACRC 21-017	TAS 114(D) (2011)
Atlantic & Caribbean Roof Consulting (TST4671)	ACRC 21-015	TAS 114(D) (2011)
FM Approvals (TST1867)	0P4A7.AM	FM 4470 (2022)
FM Approvals (TST1867)	3005387	FM 4474 (2020)
FM Approvals (TST1867)	3008210	FM 4470 (2022)
FM Approvals (TST1867)	3011768	FM 4470 (2022)
FM Approvals (TST1867)	3015680	FM 4470 (2022); FM 4474 (2020)
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FM Approvals (TST1867)	3047738	FM 4470 (2022); FM 4474 (2020)
FM Approvals (TST1867)	3026749	FM 4470 (2022); FM 4474 (2020)
FM Approvals (TST1867)	3031655	FM 4470 (2022); FM 4474 (2020)
FM Approvals (TST1867)	3041101	FM 4470 (2022); FM 4474 (2020)
FM Approvals (TST1867)	3041101	FM 4470 (2022); FM 4474 (2020)
FM Approvals (TST1867)	3041769	FM 4470 (2022); FM 4474 (2020)
FM Approvals (TST1867)	3045166	FM 4470 (2022); FM 4474 (2020)
FM Approvals (TST1867)	3046388	FM 4470 (2022); FM 4474 (2020)
FM Approvals (TST1867)	3047636	FM 4470 (2022); FM 4474 (2020)
FM Approvals (TST1867)	3053023	FM 4470 (2022); FM 4474 (2020)
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FM Approvals (TST1867)	3060347	FM 4470 (2022); FM 4474 (2020)
FM Approvals (TST1867)	3061468	FM 4470 (2022); FM 4474 (2020)
FM Approvals (TST1867)	3062817	FM 4470 (2022); FM 4474 (2020)
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FM Approvals (TST1867)	PR454436	FM 4470 (2022); FM 4474 (2020)
FM Approvals (TST1867)	PR456909	FM 4470 (2022)
FM Approvals (TST1867)	PR462731	FM 4470 (2022)
FM Approvals (TST1867)	PR464855	FM 4470 (2022); FM 4474 (2020)
FM Approvals (TST1867)	PR465435	FM 4470 (2022); FM 4474 (2020)
FM Approvals (TST1867)	PR465965	FM 4470 (2022); FM 4474 (2020)
FM Approvals (TST1867)	PR467970	FM 4470 (2022)
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FM Approvals (TST1867)	PR456909	FM 4470 (2022)
FM Approvals (TST1867)	PR474144	FM 4470 (2022)
FM Approvals (TST1867)	PR475447	FM 4470 (2022)
FM Approvals (TST1867)	PR472605	FM 4470 (2022)
IRT-ARCON, Inc. (TST5296)	00026	TAS 114(J) (2011)
PRI Construction Materials Technologies (TST5878)	SRI-026-02-01	ASTM D 1876 (2008); TAS 117(B) (1995)
PRI Construction Materials Technologies (TST5878)	SRI-025-02-04	FM 4474 (2020); TAS 114(J) (2011)
PRI Construction Materials Technologies (TST5878)	SRI-025-02-07	TAS 117(A) (1995)
PRI Construction Materials Technologies (TST5878)	SRI-028-02-01	FM 4474 (2020); TAS 114(D) (2011)
PRI Construction Materials Technologies (TST5878)	SRI-037-02-01	ASTM D 6163 (2021); TAS 110 (2000)
PRI Construction Materials Technologies (TST5878)	SRI-039-02-01	ASTM D 6163 (2021); TAS 110 (2000)
PRI Construction Materials Technologies (TST5878)	SRI-041-02-01	ASTM D 6163 (2021); TAS 110 (2000)
PRI Construction Materials Technologies (TST5878)	SRI-042-02-01	ASTM D 6163 (2021); TAS 110 (2000)
PRI Construction Materials Technologies (TST5878)	SRI-042-02-02	ASTM D 6163 (2021); TAS 110 (2000)
PRI Construction Materials Technologies (TST5878)	SRI-043-02-01	ASTM D 6163 (2021); TAS 110 (2000)
PRI Construction Materials Technologies (TST5878)	SRI-044-02-01	ASTM D 6164 (2021); ASTM G 155 (2021); TAS 110 (2000)
PRI Construction Materials Technologies (TST5878)	SRI-045-02-01	ASTM D 6163 (2021); ASTM G 155 (2021); TAS 110 (2000)
PRI Construction Materials Technologies (TST5878)	SRI-045-02-03	ASTM D 6163 (2021); ASTM G 155 (2021); TAS 110 (2000)

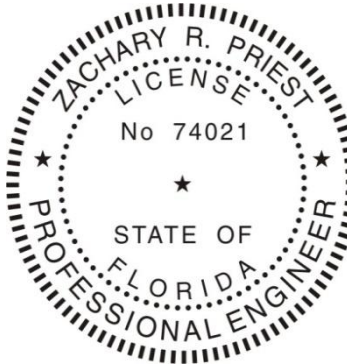
<u>Entity</u>	<u>Report No.</u>	<u>Standard</u>
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PRI Construction Materials Technologies (TST5878)	SRI-047-02-01	ASTM D 6164 (2021); TAS 110 (2000)
PRI Construction Materials Technologies (TST5878)	SRI-048-02-01	TAS 110 (2000)
PRI Construction Materials Technologies (TST5878)	SRI-049-02-01	ASTM D 4601 [2004(2020)]
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PRI Construction Materials Technologies (TST5878)	SOF-025-02-01	ASTM D 6083 (2021)
PRI Construction Materials Technologies (TST5878)	SOF-027-02-01	ASTM D 6083 (2021)
PRI Construction Materials Technologies (TST5878)	SRI-077-02-01	ASTM G 155 (2021); FM 4470 (2022)
PRI Construction Materials Technologies (TST5878)	SRI-120-02-01	ASTM D 6163 (2021)
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PRI Construction Materials Technologies (TST5878)	824T0033	ASTM D 903; FM 4474 (2020)
PRI Construction Materials Technologies (TST5878)	824T0034	FM 4474(D) (2020); TAS 114(J) (2011); UL 1897 (2015)
PRI Construction Materials Technologies (TST5878)	824T0041	FM 4474(D) (2020); TAS 114(J) (2011); UL 1897 (2015)
PRI Construction Materials Technologies (TST5878)	824T0046	ASTM D 6163 (2021)
PRI Construction Materials Technologies (TST5878)	824T0047	ASTM D 6163 (2021); TAS 110 (2000)
PRI Construction Materials Technologies (TST5878)	824T0048	ASTM D 6164 (2021)
PRI Construction Materials Technologies (TST5878)	824T0049	ASTM D 6164 (2021); TAS 110 (2000)
PRI Construction Materials Technologies (TST5878)	824T0050	ASTM D 6164 (2021)
PRI Construction Materials Technologies (TST5878)	824T0051	ASTM D 6164 (2021); TAS 110 (2000)
PRI Construction Materials Technologies (TST5878)	824T0057	FM 4474(D) (2020); TAS 114(J) (2011)
PRI Construction Materials Technologies (TST5878)	824T0062	FM 4474(D) (2020); TAS 114(J) (2011)
PRI Construction Materials Technologies (TST5878)	824T0063.1	FM 4474(C) (2020)
PRI Construction Materials Technologies (TST5878)	824T0064.1	FM 4474(B) (2020)
PRI Construction Materials Technologies (TST5878)	824T0090	FM 4474(D) (2020); TAS 114(J) (2011)
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PRI Construction Materials Technologies (TST5878)	824T0100	FM 4474(D) (2020); TAS 114(J) (2011)
PRI Construction Materials Technologies (TST5878)	824T0101	FM 4474(D) (2020); TAS 114(J) (2011)
PRI Construction Materials Technologies (TST5878)	824T0102	FM 4474(C) (2020)
PRI Construction Materials Technologies (TST5878)	824T0106	FM 4474(D) (2020); TAS 114(J) (2011); UL 1897 (2015)
PRI Construction Materials Technologies (TST5878)	824T0107.1	FM 4474(B) (2020)
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PRI Construction Materials Technologies (TST5878)	824T0156	ASTM D 6163 (2021); TAS 110 (2000)
PRI Construction Materials Technologies (TST5878)	824T0210.1	FM 4474(D) (2020); TAS 114(J) (2011)
PRI Construction Materials Technologies (TST5878)	824T0210.2	FM 4474(D) (2020); TAS 114(J) (2011)
PRI Construction Materials Technologies (TST5878)	824T0232B	FM 4474(D) (2020); TAS 114(J) (2011)
Trinity ERD (TST11294)	SPL-SC6940.06.15	Physical Properties
Trinity ERD (TST11294)	S31630.05.10	ASTM D 6163 (2021)

LIMITATIONS

1. Fire classification is not within the scope of this evaluation.
2. The roof deck and the roof deck attachment information are provided based on testing. FBC requirements for the rational design of the roof deck, including the attachment, are not within the scope of this evaluation.
3. Foam plastic insulation shall be installed in accordance with the FBC Section 2603.4.
4. In the HVHZ, fastener spacing for insulation attachment is determined using a Minimum Characteristic Force (F') of 275 lbf as demonstrated via testing to TAS 105. If the field tested fastener value is below 275 lbf, then insulation attachment shall not be acceptable.
5. In the HVHZ, fastener spacing for base sheets or membrane attachment shall meet the minimum fastener resistance value and the MDP for the specified assembly. It is permissible for a qualified professional to submit a revised fastener spacing utilizing the withdrawal resistance value obtained from TAS 105 testing and calculations performed in accordance with RAS 117 and/or RAS 137, when the fastener resistance is found less than required.
6. In the HVHZ, if mechanical attachment through the lightweight insulating concrete to the structural deck is proposed, a field fastener withdrawal test shall be conducted in compliance with TAS 105 to determine equivalent or increased attachment densities. Revised fastener densities shall be submitted utilizing the withdrawal resistance value obtained from TAS 105 testing and calculations performed in accordance with RAS 117 and/or RAS 137.
7. **HVHZ:** For assemblies containing mechanical attachment, the allowable uplift pressure for the selected assembly shall meet or exceed the minimum design loads as determined in accordance with the FBC Chapter 16. The attachment density may be increased by a qualified design professional, as necessary, to meet the design pressure requirements in the periphery zones. Calculations shall be conducted in compliance with RAS 117 and/or RAS 137.
Non-HVHZ: For assemblies containing mechanical attachment or adhered in ribbon-applied adhesive, the allowable uplift pressure for the selected assembly shall meet or exceed the minimum design loads as determined in accordance with the FBC Chapter 16. The attachment density may be increased by a qualified design professional, as necessary, to meet the design pressure requirements in the periphery zones. Calculations shall be conducted in compliance with RAS 117, RAS 137, or Section 2.2.10.1 FM LPDS 1-29 (July 2022).
8. Reroofing applications shall be examined in accordance with FBC Section 1511 outside of the HVHZ and FBC Section 1521 within the HVHZ. For mechanically fastened systems, a field withdrawal resistance test (TAS 105 in the HVHZ; ANSI/SPRI FX-1 or TAS 105 in the non-HVHZ) shall be conducted by a qualified professional to ensure the fastener meets the minimum design load requirements of the system. For adhered systems, a field uplift resistance test (TAS 124 in the HVHZ; ASTM E 907, FM LPDS 1-52, ANSI/SPRI IA-1, or TAS 124 in the non-HVHZ) shall be conducted to confirm conformance of the existing to the minimum design loads.
9. **HVHZ:** For assemblies containing fully adhered or ribbon adhered attachment, or where extrapolation of the assembly is not permitted, the MDP for the selected assembly shall meet or exceed the minimum design loads as determined in accordance with the FBC Chapter 16 without augmentation.
Non-HVHZ: For assemblies adhered in ribbon-applied adhesive, the allowable uplift pressure for the selected assembly shall meet or exceed the minimum design loads as determined in accordance with the FBC Chapter 16. The attachment density may be increased by a qualified design professional, as necessary, to meet the design pressure requirements in the periphery zones. Calculations shall be conducted in compliance with Section 2.2.10.1 FM LPDS 1-29 (July 2022).
10. Installation of the evaluated products shall comply with this report, the FBC, and the manufacturer's published application instructions. Where discrepancies exist between these sources, the more restrictive and FBC compliant installation detail shall prevail.
11. The minimum roof slope shall be 1/4:12 for new construction.
12. Materials shall conform to FBC Section 1711 as well as FBC Section 1506 outside of the HVHZ and FBC Section 1517 within the HVHZ.
13. FBC Section 1504.3.1.1 is not within the scope of this evaluation.
14. All products listed in this report shall be manufactured under a quality assurance program in compliance with Rule 61G20-3.

COMPLIANCE STATEMENT

This report has been prepared in accordance with F.A.C. Rule 61G20-3.



This item has been
digitally signed and
sealed by Zachary R.
Priest, PE, on 8/5/2026.

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Digitally signed by Zachary R. Priest
CREEK Technical Services, LLC

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Zachary R. Priest, P.E.
Florida Registration No. 74021
Organization No. ANE9641

CERTIFICATION OF INDEPENDENCE

CREEK Technical Services, LLC does not have, nor will it acquire, a financial interest in any company manufacturing or distributing products under this evaluation.

CREEK Technical Services, LLC is not owned, operated, or controlled by any company manufacturing or distributing products under this evaluation.

Zachary R. Priest, P.E. does not have, nor will acquire, a financial interest in any company manufacturing or distributing products under this evaluation.

Zachary R. Priest, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.

APPENDICES

- 1) APPENDIX A – Installation (6 pages)
- 2) APPENDIX B – Nomenclature and Approved Assemblies (36 pages)



APPENDIX A

INSTALLATION

*Note - Refer to the **APPROVED ASSEMBLIES** section of this report for specific installation details of a selected assembly.*

Unless otherwise specified in this report the following installation details shall be met for the named products:

Component	Product	Installation Detail
Fasteners & Plates	GAF Drill-Tec 2-3/8" Barbed XHD Plate	2-3/8-inch diameter, barbed seam plate
	Siplast Parafast 2-3/8" Barbed Seam Plate	2-3/8-inch diameter, 6 barb seam plate
	Siplast NVS Fastener	2.7-inch diameter plate x 1-inch shank; ; Heads shall be primed with PA-1125 Primer
	Siplast Zono-tite Fastener	2.7-inch diameter plate x 1.7-inch shank; Heads shall be primed with PA-1125 Primer
	Siplast 3" Parafast Pre-Assembled Fastener and Plate	Siplast Parafast Roofing Fasteners pre-assembled with Siplast Parafast Metal Plates
	Siplast Parafast Roofing Fasteners	Min.3/4-inch penetration through the top rib of the steel deck
	Siplast Parafast Metal Plates	Min. 3-inch diameter Galvalume® steel plate
	Siplast Parafast XHD Roofing Fasteners	Min.3/4-inch penetration through the top rib of the steel deck
	Siplast Parafast 125 Tri Rib Plates	Min. 3-inch diameter Galvalume® ribbed steel plate
Primer	Trufast 2.4" Barbed Seam Plates	2.4-inch diameter, barbed seam plate
	ASTM D 41	Applied at a rate of 0.5 gal/100 ft ²
	Siplast PA-1125	Applied at a rate of 1-1.5 gal/100 ft ²
	Siplast PA-917	Applied at a rate of 0.5-1.0 gal/100 ft ²
Insulation Adhesives	Parasolo TPX Quick Spray Adhesive	Spray applied to both the underside of ply and substrate at a rate of 3.0 lbs/100ft ² (6.0 lbs/100ft ² combined rate)
	ADCO Millennium One Step Foamable Adhesive	Partially adhered in 0.75 to 1-inch wide ribbons
	Dow Insta Stik Quik Set Insulation Adhesive	
	ICP Adhesives CR-20	
	OMG Olybond 500 Adhesive	
	Siplast Para-Stik	
	Siplast Parafast Insulation Adhesive	Partially adhered in 0.75 to 1-inch wide ribbons
	Siplast Parafast Insulation Adhesive T Canister	
	Siplast Parafast 1-Step LRF Adhesive	
Membrane Adhesives	Siplast Parafast PG-1 LRF Adhesive	Partially adhered in 0.75 to 1-inch wide ribbons
	Siplast Parafast PG-1 EF LRF Adhesive	Partially adhered in 0.75 to 1-inch wide ribbons
	Millennium Hurricane Force 1-Part Membrane Adhesive	Fully adhered at a rate of 1.5-2.5 gal/100 ft ²
	Siplast PA-311 LS Cold Adhesive	Fully adhered at a rate of 1.5-2.5 gal/100 ft ²
	Siplast PA-311 M Cold Adhesive	
	Siplast PA-311 R Cold Adhesive	
	Siplast PA-311 E Membrane Adhesive	Fully adhered at a rate of 1.5-2.0 gal/100 ft ²
	Siplast Paratech Membrane Adhesive	
	Siplast SFT H Membrane Adhesive	Fully adhered at a rate of 1.5 gal/100 ft ² for cap sheets or 2.0 gal/100 ft ² for base/ply sheets; Ribbons applied 0.75 to 1-inch wide;
Insulation/Cover Boards	SFT Adhesive	Fully adhered at a rate of 1.5 gal/100 ft ² for cap sheets or 2.0 gal/100 ft ² for base/ply sheets; Ribbons applied 0.75 to 1-inch wide;
	Siplast Insulation Adhesive T Canister	Applied in a spatter pattern
	Siplast PVC Quick Spray Adhesive	Applied at a rate of 750ft ² /canister; For use with self-adhered base sheets only
	ACH Foam Technologies Foam Control EPS - FM	Min. 1.8 lbs/ft ² , ASTM C 578, Type IX; Adhered boards shall be a maximum 4 ft x 4 ft
	Blue Ridge Fiberboard Sturdy-Dek	Min. 1/8-inch thick
	Georgia-Pacific DensDeck Prime Roof Board	Min. 1/4-inch thick
	GAF EnergyGuard Polyiso	Min. 1-inch thick; Min. 20 psi; Adhered boards shall be a maximum 4 ft x 4 ft; Taper optional
	Siplast Paratherm G	
	Siplast Paratherm G CG	



APPENDIX A

Component	Product	Installation Detail
Insulation/Cover Boards (Continued)	Siplast Paratherm H	Min. 1-inch thick; Min. 20 psi; Adhered boards shall be a maximum 4 ft x 4 ft; Taper optional
	Hunter H-Shield	
	Siplast Paratherm N	
	Siplast Paratherm N CG	
	Siplast Paratherm W	
	Atlas Roofing ACFoam-II	
	Atlas Roofing ACFoam-III	1/2-inch thick; Adhered boards shall be a maximum 4 ft x 4 ft
	GAF EnergyGuard HD Polyiso Cover Board	
	Siplast Paratherm HD	
	Siplast Paratherm HD Plus	Min. 1-inch thick
	Kingspan Insulation Ltd Optim-R	Min. 1/4-inch thick
	National Gypsum DEXcell FA Glass Mat Roof Board	Min. 7/16-inch thick
	National Gypsum DEXcell Cement Roof Board	Min. 1/2-inch thick; Adhered boards shall be a maximum 4 ft x 4 ft
	USG SECUROCK Cement Roof Board	Min. 1/4-inch thick
	USG SECUROCK Gypsum-Fiber Roof Board	
Base/Ply Sheets	Parabase	Min. 3-inch side laps
	Parabase FS	
	Parabase Plus	
	Parabase Plus P	
	Paradiene 20	
	Paradiene 20 SA	
	Paradiene 20 TS	
	Paradiene 20 TG	
	Paradiene 20 TG F	
	Paradiene 20 EG	
	Paradiene 20 EG TG	
	Paradiene 20 HV	
	Paradiene 20 HV TG	
	Paradiene 20 HT	
	Paradiene 20 HT TG	
	Paradiene 20 PR	
	Paradiene 20 PR TG	
	Paratech Glass Base	
	Paratech Glass Base SA 2.5	
	Paratech Glass Base TG	
	Paratech 180 Base	
	Paratech 180 Base TG	
	Paratech 250 Base	
Cap Sheets	Paradiene 30 TG	Min. 3-inch side laps
	Paradiene 30 MW FR	
	Paradiene 30 FR	
	Paradiene 30 FR BW	
	Paradiene 30 FR SA	
	Paradiene 30 FR TG	
	Paradiene 30 FR TG BW	
	Paradiene 30 FR TG Eco-Activ	
	Paradiene 30 CR FR	
	Paradiene 30 CR FR TG	
	Paradiene 30 HT FR	
	Paradiene 30 HT FR TG	
	Paradiene 30 HT CR FR TG	
	Paradiene 40 FR	
	Paradiene 40 FR BW	
	Paradiene 40 FR Eco-Active	
	Paradiene 40 CR FR	
	Paradiene 40 FR TG	



APPENDIX A

Component	Product	Installation Detail
Cap Sheets (Continued)	Paradiene 40 FR TG Eco-Activ	Min. 3-inch side laps
	Paradiene 40 CR FR TG	
	Parafor 50 LT	
	Parafor 50 TG	
	Paratech Glass Cap FR	
	Paratech Glass Cap FR TG	
	Paratech 180 Cap	
	Paratech 180 Cap FR	
	Paratech 180 Cap FR TG	
	Paratech 180 Cap TG	
	Paratech 250 Cap FR	
	Paratech 250 Cap FR TG	
	Teranap 1M Film	
	Teranap 1M Sand	
	Veral Aluminum	
Liquid Applied Cap Sheet	Paraflex Liquid Membrane	Membrane System applied as follows: - Base coat applied at a min. rate of 1.5 gal/100-ft ² - Pro Fleece Reinforcement laid in wet base coat with min. 3-inch overlaps - Top coat applied at a min. rate of 1.5 gal/100-ft ²
	Parapro Roof Membrane Resin	Membrane System applied as follows: - Base coat applied at a min. rate of 42 lb/100-ft ² - Pro Fleece Reinforcement laid in wet base coat with min. 3-inch overlaps - Top coat applied at a min. rate of 27 lb/100-ft ²
Lightweight Insulating Concrete	NVS®	Slurry coat min. 1/8-inch thick; Min. 1-inch thick Insulperm board; Min. 1 1/4-inch top coat; f'_c shall be equal or greater than minimum compressive strength given in the approved assembly at 28 days
	Insulcel	Slurry coat min. 1/8-inch thick; Min. 1-inch thick Insulperm board; Min. 2-inch top coat; f'_c shall be equal or greater than minimum compressive strength given in the approved assembly at 28 days
	Insulcel E	Slurry coat min. 1/8-inch thick; Min. 1-inch thick Insulperm board; Min. 2-inch top coat; f'_c shall be equal or greater than minimum compressive strength given in the approved assembly at 28 days
	Insulcel with RT pellets	Slurry coat min. 1/8-inch thick; Min. 1-inch thick Insulperm board; Min. 2-inch top coat; RT pellets applied at a rate of 4lbs/100 ft ² immediately after screeding. f'_c shall be equal or greater than minimum compressive strength given in the approved assembly at 28 days
	ZIC	Min. 2-inch thick, ZIC aggregate Lightweight Insulating Concrete with 1:4 ratio Portland cement volume to ZIC concrete aggregate. f'_c shall be equal or greater than minimum compressive strength given in the approved assembly at 28 days
Coatings	PC-227 Elastomeric Coating	For use over Siplast roofing systems to coat granule surfaced Paradiene and Parafor membranes. Applied over cap sheet in two coats, each at a rate of 1.0 gal/100 ft ² .



APPENDIX A

Insulation/Cover Board Fastening Patterns	
Description	Fastening Pattern
8 per 4 ft x 8 ft board	(Max. 4.0ft² contributory area per fastener)
10 per 4 ft x 8 ft board	(Max 3.2ft² contributory area per fastener)
20 per 4 ft x 8 ft board	(Max. 1.6ft² contributory area per fastener)

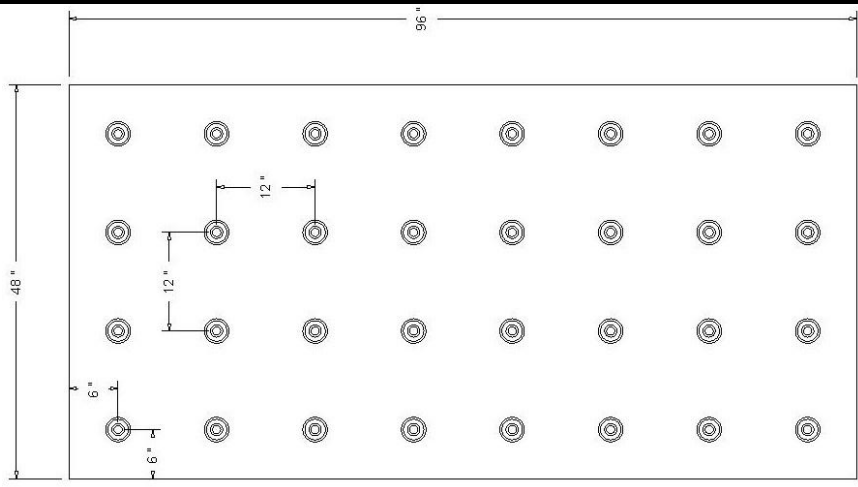


APPENDIX A

Insulation/Cover Board Fastening Patterns	
Description	Fastening Pattern
20 per 4 ft x 8 ft board Alternate	(Max. 1.6ft² contributory area per fastener)
24 per 4 ft x 8 ft board	(Max. 1.33ft² contributory area per fastener)
24 per 4 ft x 8 ft board Alternate	(Max. 1.33ft² contributory area per fastener)



APPENDIX A

Insulation/Cover Board Fastening Patterns	
Description	Fastening Pattern
32 per 4 ft x 8 ft board	 (Max. 1.00ft² contributory area per fastener)

NOMENCLATURE

The following naming conventions are utilized to specify products in the **APPROVED ASSEMBLIES** section of this report. Refer to the nomenclature below when deciphering the allowable products for use in the selected assembly. Installation requirements shall be as noted in the **APPROVED ASSEMBLIES** and **INSTALLATION** section of this report.

Name	Definition
<i>Adhered Base</i>	One or more plies of Paradiene 20, Paradiene 20 HT, Paradiene 20 EG or Paradiene 20 HV
<i>Approved Insulation</i>	One or more layers or combinations of roofing insulation listed in this report or <i>approved</i> under rule 61G20-3, such as gypsum, perlite, polyisocyanurate, polystyrene, or wood fiberboard. Insulation shall be preliminarily secured unless otherwise noted.
<i>As Tested</i>	Information provided to the report user based on the as tested condition of the roof system
<i>Cold Cap</i>	Paradiene 30 FR, Paradiene 30 FR BW, Paradiene 30 MW FR, Paradiene 30 CR FR, Paradiene 30 HT FR, Paradiene 40 CR FR, Paradiene 40 FR, Paradiene 40 FR BW, Paradiene 40 FR Eco-Activ, Paradiene 30 MW FR, or Parafor 50 LT fully bonded in cold adhesive
<i>Cold Cap R</i>	Paradiene 30 FR, Paradiene 30 FR BW, Paradiene 30 MW FR, Paradiene 30 CR FR, Paradiene 30 HT FR, Paradiene 40 CR FR, Paradiene 40 FR, Paradiene 40 FR BW, Paradiene 40 FR Eco-Activ, Paradiene 30 MW FR, or Parafor 50 LT fully bonded in PA-311 R
<i>Concrete Deck</i>	Designed by others in accordance with FBC requirements; Min. $f_c = 2,500$ psi at 28 days
<i>Deck Detail</i>	<i>As Tested</i> deck construction details are described as follows:
	<i>Concrete Deck</i> Designed by others in accordance with FBC requirements; Min. $f_c = 2,500$ psi at 28 days
	Min. 22 ga, Wide Rib Deck (Type WR) conforming to ANSI/SDI-RD1.0 & FBC; 0.5% Vented for <i>LWIC</i> applications only. The following nomenclature is used to further describe the <i>As Tested</i> condition.
	<i>F<#></i> <#> #12-24 HWH self-drilling screws or equivalent fastener at each flute used to secure the deck to the structural supports; Min. 0.25-inch penetration
	<i>G<#></i> Min. Grade <#> of <i>Steel Deck</i>
	<i>L<#></i> Max. span of <#> ft.
	<i>P</i> Min. 5/8-inch diameter puddle welds at each flute used to secure the deck to the structural supports
	<i>PW3/8</i> Min. 3/8-inch diameter weld washers at each flute used to secure the deck to the structural supports
	<i>S<#></i> 1/4 "-14 HWH x 7/8-inch self-drilling screws or equivalent fastener secured <#>-inch o.c. along the panel side laps
	<i>W</i> 0.75-inch O.D. flat washer used with indicated fastener

Name	Definition	
<i>Deck Detail (Cont'd)</i>	<i>Wood Deck</i>	Solid or closely fitted min. 15/32 in., 32/16 span rated, 4-ply, CDX plywood sheathing for new and existing construction at max. 24 in. span; In the HVHZ, new construction shall be min. 19/32 in., 40/20 span rated, CDX plywood at max. 24 in. span The following nomenclature is used to further describe the As Tested condition.
		<i>T<#>P</i> Min. <#>-inch thickness of the plywood
		<i>T<#>O</i> Min. <#>-inch thickness of the OSB
		<i>L<#></i> Max. span of <#> inches
		<i>N<#1>/<#2></i> Min. 0.113-inch diameter x 2-3/8-inch ring shank nails spaced <#1>-inch o.c. at all intermediate supports and spaced <#2> at the perimeter of each board
<i>DensDeck Prime</i>	Min. 1/4-inch thickness Georgia-Pacific DensDeck Prime Roof Board	
<i>DEXcell FA</i>	Min. 1/4-inch thickness National Gypsum DEXcell FA Glass Mat Roof Board	
<i>EnergyGuard HD</i>	EnergyGuard HD Polyiso Cover Board	
<i>Fastened-Base</i>	One or more plies of Parabase, Parabase FS, Parabase Plus	
<i>Hot asphalt</i>	ASTM D 312, Type IV asphalt applied in EVT range at a rate of 20-25 lbs/100ft ²	
<i>IA-1SP</i>	Parafast 1-Step LRF Adhesive	
<i>IA-CR20</i>	ICP Adhesives CR-20	
<i>IA-EF</i>	Parafast PG-1 EF LRF Adhesive	
<i>IA-IS</i>	Dow Insta Stik Quik Set Insulation Adhesive or Para-Stick Roofing Adhesive	
<i>IA-OB</i>	OlyBond 500 or Parafast Insulation Adhesive	
<i>IA-OS</i>	ADCO Millennium One Step Foamable Adhesive	
<i>IA-PG1</i>	Parafast PG-1 LRF Adhesive	
<i>LWIC</i>	Poured-in-place Cellular Lightweight Insulating Concrete with encapsulated insulation board	
<i>MHF</i>	Millennium Hurricane Force 1-Part Membrane Adhesive	
<i>MDP</i>	Maximum Design Pressure	
<i>Mopped Ply</i>	One or more plies of Paradiene 20, Paradiene 20 HV, Paradiene 20 EG, Paradiene 20 PR, or Paradiene 20 HT fully bonded in hot asphalt at a rate 20-40 lbs/100ft ²	
<i>PA-311E</i>	PA-311 E Membrane Adhesive	
<i>PA-311LS</i>	PA-311 LS Cold Adhesive	
<i>PA-311M</i>	PA-311 M Cold Adhesive	
<i>PA-311R</i>	PA-311 R Cold Adhesive	

Name	Definition
<i>Parafast</i>	Siplast Parafast Roofing Fasteners and Parafast Metal Plates (optional pre-assembled)
<i>Parafast XHD</i>	Siplast Parafast XHD Roofing Fasteners and Parafast 125 Tri Rib Plates
<i>Paraflex</i>	Paraflex Liquid Membrane
<i>Paratech CA Base</i>	Paratech 180 Base or Paratech 250 Base fully bonded in Paratech Membrane Adhesive
<i>Paratech CA Cap</i>	Paratech 180 Cap FR or Paratech 250 Cap FR fully bonded in Paratech Membrane Adhesive
<i>Paratech SFT Base</i>	Paratech 180 Base or Paratech 250 Base fully bonded in SFT Adhesive
<i>Paratech SFT Cap</i>	Paratech Glass Cap FR or Paratech 250 Cap FR fully bonded in SFT Adhesive
<i>Paratech Base</i>	Paratech 180 Base, Paratech 180 Base TG (for use with torch adhered plies/caps only), or Paratech 250 Base with min. 4-inch, torch adhered side laps encapsulating seam plates
<i>Paratech Cap</i>	Paratech 180 Cap FR TG or Paratech 250 Cap FR TG torch adhered
<i>Paratech Cold Ply</i>	Paratech Glass Base fully bonded in Paratech Membrane Adhesive
<i>Paratech Cold Cap</i>	Paratech Glass Cap FR fully bonded in Paratech Membrane Adhesive
<i>Parapro Hot Ply</i>	Pro Base adhered in ASTM D 312, Type IV hot asphalt applied in EVT range at a rate of 20-25 lbs/100ft ²
<i>Parapro SA Ply</i>	Pro Base SA or Pro Base TS SA bonded by self-adhering
<i>Parapro Torched Ply</i>	Pro Base TG or Pro Base TS bonded by torch adhering
<i>Parapro</i>	Parapro Roof Membrane Resin
<i>Paratherm</i>	Paratherm G, Paratherm H, Paratherm N, Paratherm W, H-Shield or AC Foam-II
<i>Paratherm 2</i>	Paratherm G, Paratherm H, Paratherm W, H-Shield or AC Foam-II
<i>SECUROCK</i>	Minimum 1/4-inch USG SECUROCK Gypsum-Fiber Roof Board
<i>SFT Ply</i>	Paradiene 20, Paradiene 20 HT, Paradiene 20 EG, or Paradiene 20 HV fully bonded in SFT Adhesive
<i>SFT Ply2</i>	Irex 40, Paradiene 20, Paradiene 20 HT, Paradiene 20 EG, or Paradiene 20 HV fully bonded in SFT Adhesive
<i>SFT Cap</i>	Paradiene 30 FR, Paradiene 30 FR BW, or Paradiene 30 HT FR fully bonded in SFT Adhesive
<i>SFTH Ply</i>	Paradiene 20, Paradiene 20 PR, Paradiene 20 HT, Paradiene 20 EG, or Paradiene 20 HV fully bonded in SFT H Membrane Adhesive
<i>SFTH Cap</i>	Paradiene 30 FR, Paradiene 30 FR BW, or Paradiene 30 HT FR fully bonded in SFT H Membrane Adhesive
<i>Steel Deck</i>	Designed by others in accordance with FBC requirements; Min. 22 ga, (F _y ≥ 33 ksi) Wide Rib Deck (Type WR) conforming to ANSI/SDI-RD1.0 & FBC; 0.5% vented for cellular LWIC and 1.5% vented for aggregate LWIC applications only (See span restrictions in APPROVED ASSEMBLIES tables)
<i>Teranap w/Paver</i>	Teranap 1M Sand fully bonded by torch adhering with max. 24 in. x 24 in. Hanover Pedestal Pavers fully bonded to Teranap at each corner with Siplast PS 304 elastomeric sealant.

Name	Definition
<i>Torched Cap</i>	Paradiene 30 TG, Paradiene 30 FR TG, Paradiene 30 FR TG BW, Paradiene 30 CR FR TG, Paradiene 30 FR TG Eco-Activ, Paradiene 30 HT FR TG, Paradiene 30 HT CR FR TG, Paradiene 40 FR TG, Paradiene 40 FR TG Eco-Activ, Teranap 1M Film, Teranap 1M Sand or Veral Aluminum fully bonded by torch adhering
<i>Torched Ply</i>	Paradiene 20 TG, Paradiene 20 HV TG, Paradiene 20 EG TG, Paradiene 20 HT TG, or Paradiene 20 PR TG fully bonded by torch adhering
<i>Torched Ply 2</i>	Paradiene 20 TG F or Paradiene HT TG F fully bonded by torch adhering (Shall be used with <i>Torched Cap</i> only)
<i>TPX-QSA</i>	Parasolo TPX Quick Spray Adhesive
<i>VB-SFT</i>	Paradiene 20, Paradiene 20 HT, Paradiene 20 EG, Paradiene 20 HV, or Paradiene 20 PR installed with SFT Adhesive with ribbons applied 12-inch o.c.

APPROVED ASSEMBLIES

The following notes shall be observed when using the assembly tables below.

1. *MDPs* were calculated using a 2:1 margin of safety per FBC Section 1504.9 and 1523.4.
2. Refer to **LIMITATIONS** and **NOMENCLATURE** sections of this evaluation when using the table(s) below. Items *italicized* refer to specific nomenclature used in this report.
3. Refer to **INSTALLATION** section of this report for installation detail when the information is not explicitly stated for the selected assembly.
4. The on-center (o.c.) spacing given is the maximum allowable attachment spacing for the rated system. Fastener rows shall be equally spaced across the width of the base sheet.
5. *As Tested* information for roof deck construction is provided for information only. The addition of the *As Tested* deck information does not obviate the requirement for rational design of the roof deck and roof deck attachment in accordance with FBC requirements.
6. Prior to application of the approved assembly an optional vapor barrier may be installed over concrete, steel, or wood decks when the approved assembly contains insulation or the membrane fastened through to the deck.
7. Steel deck utilized in all Lightweight Insulating Concrete shall be ASTM A653, G90 galvanized steel.
8. For systems S-AM-# and S-M-#, it is permissible to install over minimum 200psi, minimum 2-inch thick, FBC approved lightweight insulating concrete applied over steel deck. Alternately, for systems C-AM-#, C-M-#, S-AM-#, and S-M-#, it is permissible to substitute loose fill insulation (insulation that is part of the load path) with minimum 200psi, minimum 2-inch FBC approved lightweight insulating concrete applied over steel deck. Fasteners shall be installed through the lightweight insulating concrete anchoring into the structural deck. If lightweight insulating concrete is proposed, field withdrawal resistance testing shall be conducted to determine equivalent or enhanced fastening patterns and density. All testing and fastening design shall be in compliance with Testing Application Standard TAS 105 and Roofing Application Standard RAS 117 and/or RAS 137. Calculations shall be signed and sealed by a qualified design professional.

Assembly System Numbers and Definitions	
C-A-#	Assemblies with All Layers Adhered over <i>Concrete Deck</i> (New or Existing)
G-A-#	Assemblies with All Layers Adhered over Poured Gypsum Deck (New or Existing)
LC-A-#	Lightweight Insulating Concrete Assemblies with All Layers Adhered over <i>Concrete Deck</i> (New or Existing)
LC-M-#	Mechanically Fastened Lightweight Insulating Concrete Assemblies over <i>Concrete Deck</i> (New or Existing)
LS-A-#	Lightweight Insulating Concrete Assemblies with All Layers Adhered over <i>Steel Deck</i> (New or Existing)
LS-M-#	Mechanically Fastened Lightweight Insulating Concrete Assemblies over <i>Steel Deck</i> (New or Existing)
R-A-#	Adhered <i>Recover</i> Assemblies with All Layers Adhered
S-A-#	Assemblies with All Layers Adhered over <i>Steel Deck</i> (New or Existing)
S-AM-#	Assemblies with Adhered Membranes over <i>Steel Deck</i> (New, Existing, or <i>Recover</i>)
S-M-#	Mechanically Fastened Assemblies over <i>Steel Deck</i> (New, Existing, or <i>Recover</i>)
W-AM-#	Assemblies with Adhered Membranes over Insulated <i>Wood Deck</i> (New, Existing or <i>Recover</i>)

Assemblies with All Layers Adhered over Concrete Deck (New or Existing)									
System No.	Vapor Barrier	Base Insulation	Base Attachment	Top Insulation	Top Attachment	Base Ply	Ply Sheet	Cap Sheet	MDP (psf)
C-A-1	Paradiene 20 TS SA self-adhered to deck primed with ASTM D 41 asphalt primer	Min.1.5-inch Paratherm 2	IA-IS or IA-OB applied 12-inch o.c.	DensDeck Prime	IA-IS or IA-OB applied 12-inch o.c.	Pro Base LP or Pro Base fully adhered in SFT Adhesive	-	Parapro or Paraflex	-52.5 (Lim. 9)
C-A-2	Paradiene 20 TS SA self-adhered to deck primed with ASTM D 41 asphalt primer	Min.1.5-inch Paratherm 2	IA-IS applied 12-inch o.c.	SECUROCK	IA-IS applied 12-inch o.c.	Pro Base LP or Pro Base fully adhered in SFT Adhesive	-	Parapro or Paraflex	-52.5 (Lim. 9)
C-A-3	Paradiene 20 TS SA self-adhered to deck primed with ASTM D 41 asphalt primer	Min.1.5-inch Paratherm 2	IA-IS applied 12-inch o.c.	SECUROCK	IA-IS applied 12-inch o.c.	Pro Base SA self-adhered	-	Paradiene 30 FR SA self-adhered	-52.5 (Lim. 9)
C-A-4	Tradesman SBS Class SA Base self-adhered to deck primed with ASTM D 41 asphalt primer	Min.1.5-inch Paratherm	IA-IS applied 12-inch o.c.	DensDeck Prime	IA-IS applied 12-inch o.c.	Adhered Base adhered in MHF, PA-311E, PA-311M, or PA-311R	OPTIONAL Adhered Base adhered in MHF, PA-311E, PA-311LS, PA-311M, or PA-311R	Cold Cap adhered in MHF, PA-311E, PA-311LS, PA-311M, or PA-311R	-60 (Lim. 9)
C-A-5	Tradesman SBS Class SA Base self-adhered to deck primed with ASTM D 41 asphalt primer	Min.1.5-inch Paratherm	IA-IS applied 12-inch o.c.	DensDeck Prime	IA-IS applied 12-inch o.c.	Irex 40 adhered in PA-311E	Adhered Base adhered in PA-311E	Cold Cap adhered in MHF, PA-311E, PA-311LS, PA-311M, or PA-311R	-60 (Lim. 9)
C-A-6	Tradesman SBS Class SA Base self-adhered to deck primed with ASTM D 41 asphalt primer	Min.1.5-inch Paratherm	IA-IS applied 12-inch o.c.	DensDeck Prime	IA-IS applied 12-inch o.c.	Pro Base SA self-adhered	-	Paradiene 30 FR SA self-adhered	-60 (Lim. 9)
C-A-7	-	Min.1.5-inch Paratherm	IA-IS applied 12-inch o.c.	SECUROCK	IA-IS applied 12-inch o.c.	Paradiene 20 TS SA self-adhered	OPTIONAL Adhered Base adhered in PA-311E, PA-311LS, PA-311M, or PA-311R	Cold Cap adhered in PA-311E, PA-311LS, PA-311M, or PA-311R	-60 (Lim. 9)
C-A-8	-	Min.1.5-inch Paratherm	IA-IS applied 12-inch o.c.	SECUROCK	IA-IS applied 12-inch o.c.	Pro Base TS SA self-adhered	-	Parapro	-60 (Lim. 9)

Assemblies with All Layers Adhered over Concrete Deck (New or Existing)									
System No.	Vapor Barrier	Base Insulation	Base Attachment	Top Insulation	Top Attachment	Base Ply	Ply Sheet	Cap Sheet	MDP (psf)
C-A-9	Paradiene 20 SA self-adhered to deck primed with ASTM D 41 asphalt primer	Min.1.5-inch Paratherm	IA-IS, IA-1SP, or IA-PG1 applied 12-inch o.c	DensDeck Prime	IA-IS, IA-1SP, or IA-PG1 applied 12-inch o.c.	Adhered Base adhered in MHF, PA-311M, or PA-311	OPTIONAL Adhered Base adhered in MHF, PA-311E, PA-311LS, PA-311M, or PA-311R	Cold Cap adhered in MHF, PA-311E, PA-311LS, PA-311M, or PA-311R	-67.5 (Lim. 9)
C-A-10	OPTIONAL Irex 40 torch adhered to primed deck with ASTM D 41 primer; Insulation adhered in IA-OB, , IA-1SP, or IA-PG1 only	Min.1.5-inch Paratherm	IA-IS, IA-OB, IA-OS, IA-1SP, or IA-PG1 applied 12-inch o.c	DensDeck Prime	IA-IS, IA-OB, IA-OS, IA-1SP, or IA-PG1 applied 12-inch o.c.	Irex 40 torch adhered, Torched Ply or Torched Ply2	OPTIONAL Torched Ply or Torched Ply2	Torched Cap	-67.5 Lim. 9)
C-A-11	OPTIONAL Irex 40 torch adhered to primed deck with ASTM D 41 primer; Insulation adhered in IA-OB, IA-1SP, or IA-PG1 only	Min.1.5-inch Paratherm	IA-IS, IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	SECUROCK	IA-IS, IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	Irex 40 torch adhered, Torched Ply or Torched Ply2	OPTIONAL Torched Ply or Torched Ply2	Torched Cap	-67.5 (Lim. 9)
C-A-12	Irex 40 torch adhered to primed deck with PA-917 Asphalt Primer	Min.1-inch Kingspan Optim-R followed by Min.1.5-inch Paratherm G	Boards applied in IA-IS 12-inch o.c.	DEXcell Cement Roof Board primed with PA-917 Asphalt Primer	IA-IS applied 12-inch o.c.	Pro Base TG torch adhered	-	Parapro	-67.5 (Lim. 9)
C-A-13	OPTIONAL Irex 40 torch adhered to primed deck with ASTM D 41 primer	One or more layers of min. 1-inch ACH Foam Control EPS - FM	IA-OB applied 12-inch o.c.	DensDeck Prime	IA-OB applied 12-inch o.c.	Adhered Base adhered in MHF, PA-311M, or PA-311	OPTIONAL Adhered Base adhered in MHF, PA-311E, PA-311LS, PA-311M, or PA-311R	Cold Cap adhered in MHF, PA-311E, PA-311LS, PA-311M, or PA-311R	-90 (Lim. 9)
C-A-14	OPTIONAL Irex 40 torch adhered to primed deck with ASTM D 41 primer	One or more layers of min. 1-inch ACH Foam Control EPS - FM	IA-OB applied 12-inch o.c.	DensDeck Prime	IA-OB applied 12-inch o.c.	Pro Base SA self-adhered	-	Paradiene 30 FR SA self-adhered	-90 (Lim. 9)

Assemblies with All Layers Adhered over Concrete Deck (New or Existing)									
System No.	Vapor Barrier	Base Insulation	Base Attachment	Top Insulation	Top Attachment	Base Ply	Ply Sheet	Cap Sheet	MDP (psf)
C-A-15	-	Min. 1-inch ACH Foam Technologies Foam Control EPS	IA-IS applied 12-inch o.c.	DensDeck Prime	IA-IS applied 12-inch o.c.	Paradiene 20 SA self-adhered	-	Torched Cap	-105 (Lim. 9)
C-A-16	-	Min. 1-inch ACH Foam Technologies Foam Control EPS	IA-IS applied 12-inch o.c.	DensDeck Prime	IA-IS applied 12-inch o.c.	Pro Base SA self-adhered	-	Parapro	-105 (Lim. 9)
C-A-17	-	Min. 1-inch ACH Foam Technologies Foam Control EPS	IA-IS applied 12-inch o.c.	DensDeck Prime	IA-IS applied 12-inch o.c.	Pro Base SA self-adhered	-	Paradiene 30 FR SA self-adhered	-105 (Lim. 9)
C-A-18	OPTIONAL Irex 40 torch adhered to primed deck with ASTM D 41 primer	Min.1.5-inch Paratherm G	IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	Paratherm HD	IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	Adhered Base in PA-311R	OPTIONAL Adhered Base in PA-311E or PA-311R	Cold Cap adhered in PA-311E or PA-311R	-105 (Lim. 9)
C-A-19	OPTIONAL Irex 40 torch adhered to primed deck with ASTM D 41 primer; Insulation adhered in IA-OB only	Min.1.5-inch Paratherm	IA-IS, IA-OB, IA-OS, IA-1SP, or IA-PG1 applied 12-inch o.c.	DensDeck Prime	IA-IS, IA-OB, IA-OS, IA-1SP, or IA-PG1 applied 12-inch o.c.	Paradiene 20 TS SA self-adhered	OPTIONAL Torched Ply or Torched Ply2	Torched Cap	-112.5 (Lim. 9)
C-A-20	OPTIONAL Irex 40 torch adhered to primed deck with ASTM D 41 primer; Insulation adhered in IA-OB only	Min.1.5-inch Paratherm	IA-IS, IA-OB, IA-OS, IA-1SP, or IA-PG1 applied 12-inch o.c.	DensDeck Prime	IA-IS, IA-OB, IA-OS, IA-1SP, or IA-PG1 applied 12-inch o.c.	Pro Base TS SA self-adhered	-	Parapro	-112.5 (Lim. 9)
C-A-21	-	Min.1.5-inch Paratherm	IA-IS applied 12-inch o.c.	SECUROCK	IA-IS applied 12-inch o.c.	Paradiene 20 SA self-adhered	OPTIONAL Adhered Base adhered in PA-311E, PA-311LS, PA-311M, or PA-311R	Cold Cap adhered in PA-311E, PA-311LS, PA-311M, or PA-311R	-112.5 (Lim. 9)

Assemblies with All Layers Adhered over Concrete Deck (New or Existing)									
System No.	Vapor Barrier	Base Insulation	Base Attachment	Top Insulation	Top Attachment	Base Ply	Ply Sheet	Cap Sheet	MDP (psf)
C-A-22	-	Min.1.5-inch Paratherm	IA-IS applied 12-inch o.c	SECUROCK	IA-IS applied 12-inch o.c.	Pro Base SA self-adhered	-	Parapro	-112.5 (Lim. 9)
C-A-23	OPTIONAL Irex 40 torch adhered to primed deck with ASTM D 41 primer; Insulation adhered in IA-OB only	Min.1.5-inch Paratherm 2	IA-IS, IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c	DensDeck Prime	IA-IS, IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	Adhered Base adhered in MHF, PA-311E or PA-311R	OPTIONAL Adhered Base adhered in MHF, PA-311E or PA-311R	Cold Cap adhered in MHF, PA-311E or PA-311R	-112.5 (Lim. 9)
C-A-24	OPTIONAL Irex 40 torch adhered to primed deck with ASTM D 41 primer; Insulation adhered in IA-OB only	Min.1.5-inch Paratherm 2	IA-IS, IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c	DensDeck Prime	IA-IS, IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	Irex 40 adhered in PA-311E	Adhered Base adhered in PA-311E	Cold Cap adhered in MHF or PA-311E, or PA-311R	-112.5 (Lim. 9)
C-A-25	OPTIONAL Irex 40 torch adhered to primed deck with ASTM D 41 primer; Insulation adhered in IA-OB only	Min.1.5-inch Paratherm G	IA-IS, IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	DensDeck Prime or SECUROCK	IA-IS, IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	Pro Base LP SA self-adhered to cover board primed with PA-917	-	Parapro or Paraflex	-135 (Lim. 9)
C-A-26	OPTIONAL Irex 40 torch adhered to primed deck with ASTM D 41 primer; Insulation adhered in IA-OB only	Min.1.5-inch Paratherm	IA-IS, IA-OB, IA-OS, IA-1SP, or IA-PG1 applied 12-inch o.c	DensDeck Prime	IA-IS, IA-OB, IA-OS, IA-1SP, or IA-PG1 applied 12-inch o.c.	Adhered Base fully adhered in SFT Adhesive	OPTIONAL Adhered Base fully adhered in SFT Adhesive	Paradiene 30 FR or Paradiene 30 HT FR fully adhered in SFT Adhesive	-150 (Lim. 9)
C-A-27	Irex 40 torch adhered to deck primed with ASTM D 41 primer	One or more layers of min. 1.5-inch Paratherm	IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	DensDeck Prime	IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	Adhered Base adhered in MHF, PA-311M, or PA-311R	OPTIONAL Adhered Base adhered in MHF, PA-311E, PA-311LS, PA-311M, or PA-311R	Cold Cap adhered in MHF, PA-311E, PA-311LS, PA-311M, or PA-311R	-150 (Lim. 9)

Assemblies with All Layers Adhered over Concrete Deck (New or Existing)									
System No.	Vapor Barrier	Base Insulation	Base Attachment	Top Insulation	Top Attachment	Base Ply	Ply Sheet	Cap Sheet	MDP (psf)
C-A-28	Irex 40 torch adhered to primed deck with PA-917 Asphalt Primer	Min.1.5-inch Kingspan Optim-R followed by Min.1.5-inch Paratherm G	Boards applied in IA-IS 6-inch o.c.	DEXcell Cement Roof Board primed with PA-917 Asphalt Primer	IA-IS applied 6-inch o.c.	Pro Base TG torch adhered	-	Parapro	-150 (Lim. 9)
C-A-29	-	-	-	-	-	Paradiene 20 SA self-adhered over a deck primed with ASTM D 41 primer	OPTIONAL Torched Ply or Torched Ply2	Torched Cap	-152.5 (Lim. 9)
C-A-30	OPTIONAL Irex 40 torch adhered to primed deck with ASTM D 41 primer; Insulation adhered in IA-OB only	Min.1.5-inch Paratherm	IA-IS, IA-OB, IA-OS, IA-1SP, or IA-PG1 applied 12-inch o.c	-	-	Paradiene 20 TS SA self-adhered	OPTIONAL Torched Ply or Torched Ply2	Torched Cap	-157.5 (Lim. 9)
C-A-31	OPTIONAL Irex 40 torch adhered to primed deck with ASTM D 41 primer; Insulation adhered in IA-OB only	Min.1.5-inch Paratherm	IA-IS, IA-OB, IA-OS, IA-1SP, or IA-PG1 applied 12-inch o.c	-	-	Pro Base TS SA self-adhered	-	Parapro	-157.5 (Lim. 9)
C-A-32	Paradiene 20 TG torch adhered	Min.1.5-inch Paratherm	IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	DensDeck Prime	IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	Torched Ply or Torched Ply2	OPTIONAL Torched Ply or Torched Ply2	Paradiene 30 FR TG, Paradiene 30 HT FR TG or Paradiene 30 TG torch adhered; Cap sheet coated with PC-227	-157.5 (Lim. 9)
C-A-33	Paradiene 20 TG torch adhered	Min.1.5-inch Paratherm	IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	DensDeck Prime	IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	Paradiene 20 TG P torched adhered	-	Parapro	-157.5 (Lim. 9)
C-A-34	OPTIONAL Irex 40 torch adhered to primed deck with ASTM D 41 primer; Insulation adhered in IA-OB only	Min.1.5-inch Paratherm G	IA-IS, IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	DensDeck Prime or SECUROCK	IA-IS, IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	Pro Base LP TG or Pro Base TG torch adhered (SECUROCK primed with PA-917)	-	Parapro or Paraflex	-157.5 (Lim. 9)

Assemblies with All Layers Adhered over Concrete Deck (New or Existing)									
System No.	Vapor Barrier	Base Insulation	Base Attachment	Top Insulation	Top Attachment	Base Ply	Ply Sheet	Cap Sheet	MDP (psf)
C-A-35	OPTIONAL Irex 40 torch adhered to primed deck with ASTM D 41 primer; Insulation adhered in IA-OB only	Min.2-inch ACFoam-III	IA-IS, IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c	-	-	Paradiene 20 TS SA self-adhered	OPTIONAL Torched Ply or Torched Ply2	Torched Cap	-165 (Lim. 9)
C-A-36	OPTIONAL Irex 40 torch adhered to primed deck with ASTM D 41 primer; Insulation adhered in IA-OB only	Min.2-inch ACFoam-III	IA-IS, IA-OB, , IA-1SP, or IA-PG1 applied 12-inch o.c	-	-	Pro Base TS SA self-adhered	-	Parapro	-165 (Lim. 9)
C-A-37	Irex 40 torch adhered to primed deck with PA-917 primer	Min.1.5-inch Paratherm G	IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	Min. 0.5-inch SECUROCK	IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	Pro Base TG torch adhered to PA-917 primed board	-	Parapro	-165 (Lim. 9)
C-A-38	-	Min.1.5-inch Paratherm 2	IA-IS applied 12-inch o.c	SECUROCK	IA-IS applied 12-inch o.c.	Adhered Base adhered in MHF, PA-311E or PA-311R	OPTIONAL Adhered Base adhered in MHF, PA-311E or PA-311R	Cold Cap adhered in MHF, PA-311E, or PA-311R	-165 (Lim. 9)
C-A-39	-	Min.1.5-inch Paratherm 2	IA-IS applied 12-inch o.c	SECUROCK	IA-IS applied 12-inch o.c.	Irex 40 adhered in PA-311E	Adhered Base adhered in PA-311E	Cold Cap adhered in MHF, PA-311E, or PA-311R	-165 (Lim. 9)
C-A-40	-	Min.1.5-inch Paratherm	IA-IS applied 12-inch o.c.	SECUROCK	IA-IS applied 12-inch o.c.	Adhered Base adhered in MHF or PA-311M	OPTIONAL Adhered Base adhered in MHF, PA-311E, PA-311LS, PA-311M, or PA-311R	Paradiene 30 FR or Paradiene 30 HT FR adhered in MHF, PA-311E, PA-311LS, PA-311M, or PA-311R	-180 (Lim. 9)
C-A-41	OPTIONAL Irex 40 torch adhered to primed deck with ASTM D 41 primer	Min.1.5-inch Paratherm	IA-OB, IA-1SP, or IA-PG1 applied 6-inch o.c.	SECUROCK Cement Roof Board	IA-OB, IA-1SP, or IA-PG1 applied 6-inch o.c.	Paradiene 20 SA self-adhered to PA-1125 primed board	OPTIONAL Torched Ply or Torched Ply2	Torched Cap	-180 (Lim. 9)

Assemblies with All Layers Adhered over Concrete Deck (New or Existing)									
System No.	Vapor Barrier	Base Insulation	Base Attachment	Top Insulation	Top Attachment	Base Ply	Ply Sheet	Cap Sheet	MDP (psf)
C-A-42	-	Min.1.5-inch Paratherm G	IA-IS applied 12-inch o.c.	Paratherm HD	IA-IS applied 12-inch o.c.	Paratech Glass Base SA 2.5	OPTIONAL Torchd Ply or Torchd Ply2	Torchd Cap	-195 (Lim. 9)
C-A-43	OPTIONAL Paradiene 20, 20 HT, or 20 EG fully adhered in hot asphalt or Paradiene 20 TG, 20 HT TG, or 20 EG TG torch adhered	Min. 1.5-inch Paratherm	IA-IS applied 12-inch o.c.	SECUROCK	IA-IS applied 12-inch o.c.	Parapro SA Ply or Pro Base TG torch adhered	-	Parapro	-202.5 (Lim. 9)
C-A-44	Irex 40 torch adhered to primed deck with ASTM D 41 primer	Min.1.5-inch Paratherm	IA-IS applied 6-inch o.c.	DensDeck Prime	IA-IS applied 6-inch o.c.	Pro Base SA self-adhered or Pro Base TG torch adhered	-	Parapro	-202.5 (Lim. 9)
C-A-45	OPTIONAL Irex 40 torch adhered to primed deck with ASTM D 41 primer	Min.1.5-inch Paratherm	IA-OB, IA-1SP, or IA-PG1 applied 6-inch o.c.	Min. 0.5-inch SECUROCK	IA-OB, IA-1SP, or IA-PG1 applied 6-inch o.c.	Pro Base SA self-adhered	-	Parapro	-202.5 (Lim. 9)
C-A-46	-	-	-	-	-	Parapro Hot Ply	-	Parapro	-202.5 (Lim. 9)
C-A-47	-	-	-	-	-	Parapro Torchd Ply over primed concrete deck with Paradiene PA-1125	-	Parapro	-202.5 (Lim. 9)
C-A-48	-	Min.1.5-inch Paratherm	IA-IS applied 12-inch o.c.	SECUROCK	IA-IS applied 12-inch o.c.	SFT Ply2 or Adhered Base in MHF	OPTIONAL Ply or Adhered Base in MHF	SFT Cap or Cold Cap in MHF	-210 (Lim. 9)
C-A-49	Paradiene 20 TG or Irex 40 torch adhered to primed deck with ASTM D 41 primer	Min.1.5-inch Paratherm G	IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	DensDeck Prime	IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	Adhered Base adhered in MHF or PA-311M	OPTIONAL Adhered Base adhered in MHF or PA-311M	Cold Cap adhered in MHF or PA-311M	-217.5 (Lim. 9)
C-A-50	Paradiene 20 TG or Irex 40 torch adhered to primed deck with ASTM D 41 primer	Min.1.5-inch Paratherm G	IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	DensDeck Prime	IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	Torchd Ply or Torchd Ply2 or Paradiene 20 SA self-adhered	OPTIONAL Torchd Ply or Torchd Ply2	Torchd Cap	-217.5 (Lim. 9)

Assemblies with All Layers Adhered over Concrete Deck (New or Existing)									
System No.	Vapor Barrier	Base Insulation	Base Attachment	Top Insulation	Top Attachment	Base Ply	Ply Sheet	Cap Sheet	MDP (psf)
C-A-51	OPTIONAL Irex 40 torch adhered to primed deck with ASTM D 41 primer; Insulation adhered in IA-OB only	Min.1.5-inch Paratherm G	IA-IS, IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	DensDeck Prime or SECUROCK	IA-IS, IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	Pro Base LP or Pro Base fully adhered in SFT Adhesive	-	Parapro or Paraflex	-232.5 (Lim. 9)
C-A-52	OPTIONAL Irex 40 torch adhered to primed deck with ASTM D 41 primer; Insulation adhered in IA-OB only	Min.1.5-inch Paratherm G	IA-IS, IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	DensDeck Prime or SECUROCK	IA-IS, IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	Pro Base SA self-adhered	-	Paradiene 30 FR SA self-adhered	-232.5 (Lim. 9)
C-A-53	OPTIONAL Irex 40 torch adhered to primed deck with ASTM D 41 primer	Min.1.5-inch Paratherm G	IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	Sturdy-Dek	IA-OB applied 12-inch o.c.	Adhered Base in PA-311R	OPTIONAL Adhered Base in PA-311E or PA-311R	Cold Cap adhered in PA-311E or PA-311R	-232.5 (Lim. 9)
C-A-54	OPTIONAL Irex 40 torch adhered to primed deck with ASTM D 41 primer	Min.1.5-inch Paratherm G	IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	Sturdy-Dek	IA-OB applied 12-inch o.c.	Torched Ply or Torched Ply2	OPTIONAL Torched Ply or Torched Ply2	Torched Cap	-232.5 (Lim. 9)
C-A-55	Paradiene 20 fully adhered in SFT Adhesive	Min.1.5-inch Paratherm	IA-IS applied 12-inch o.c.	SECUROCK	IA-IS applied 12-inch o.c.	Adhered Base fully adhered in MHF or SFT Adhesive	OPTIONAL Adhered Base fully adhered in MHF or SFT Adhesive	Paradiene 30 FR or Paradiene 30 HT FR fully adhered in MHF or SFT Adhesive	-232.5 (Lim. 9)
C-A-56	Paradiene 20 fully adhered in SFT Adhesive	Min.1.5-inch Paratherm	IA-IS applied 12-inch o.c.	SECUROCK	IA-IS applied 12-inch o.c.	Pro Base SA self-adhered	-	Paradiene 30 FR SA self-adhered	-232.5 (Lim. 9)
C-A-57	Paradiene 20 SA self-adhered to deck primed with ASTM D 41 asphalt primer	Min.1.5-inch Paratherm 2	IA-IS, IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	DensDeck Prime	IA-IS, IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	Pro Base LP or Pro Base fully adhered in SFT Adhesive	-	Parapro or Paraflex	-232.5 (Lim. 9)
C-A-58	Paradiene 20 SA self-adhered to deck primed with ASTM D 41 asphalt primer	Min.1.5-inch Paratherm 2	IA-IS, IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	DensDeck Prime	IA-IS, IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	Pro Base SA self-adhered	-	Paradiene 30 FR SA self-adhered	-232.5 (Lim. 9)

Assemblies with All Layers Adhered over Concrete Deck (New or Existing)									
System No.	Vapor Barrier	Base Insulation	Base Attachment	Top Insulation	Top Attachment	Base Ply	Ply Sheet	Cap Sheet	MDP (psf)
C-A-59	Paradiene 20 SA self-adhered to deck primed with ASTM D 41 asphalt primer	Min.1.5-inch Paratherm 2	IA-IS applied 12-inch o.c.	SECUROCK	IA-IS applied 12-inch o.c.	Pro Base LP or Pro Base fully adhered in SFT Adhesive	-	Parapro or Paraflex	-232.5 (Lim. 9)
C-A-60	Paradiene 20 SA self-adhered to deck primed with ASTM D 41 asphalt primer	Min.1.5-inch Paratherm 2	IA-IS applied 12-inch o.c.	SECUROCK	IA-IS applied 12-inch o.c.	Pro Base SA self-adhered	-	Paradiene 30 FR SA self-adhered	-232.5 (Lim. 9)
C-A-61	OPTIONAL Paradiene 20, 20 HT, or 20 EG fully adhered in hot asphalt or Paradiene 20 TG, 20 HT TG, or 20 EG TG torch adhered	Min. 1.5-inch Paratherm	IA-IS applied 12-inch o.c.	SECUROCK	IA-IS applied 12-inch o.c.	Paradiene 20 TS SA self-adhered	OPTIONAL Torched Ply or Torched Ply2	Torched Cap	-247.5 (Lim. 9)
C-A-62	OPTIONAL Paradiene 20, 20 HT, or 20 EG fully adhered in hot asphalt or Paradiene 20 TG, 20 HT TG, or 20 EG TG torch adhered	Min. 1.5-inch Paratherm	IA-IS applied 12-inch o.c.	SECUROCK	IA-IS applied 12-inch o.c.	Torched Ply, Torched Ply2, or Paradiene 20 SA self-adhered	OPTIONAL Torched Ply or Torched Ply2	Torched Cap	-255 (Lim. 9)
C-A-63	OPTIONAL Paradiene 20, 20 HT, or 20 EG fully adhered in hot asphalt or Paradiene 20 TG, 20 HT TG, or 20 EG TG torch adhered	Min. 1.5-inch Paratherm	IA-IS applied 12-inch o.c.	SECUROCK	IA-IS applied 12-inch o.c.	Pro Base SA self-adhered	-	Paradiene 30 FR SA self-adhered	-255 (Lim. 9)
C-A-64	Irex 40 torch adhered to primed deck with ASTM D 41 primer	Min.1.5-inch Paratherm	IA-IS applied 6-inch o.c.	DensDeck Prime	IA-IS applied 6-inch o.c.	Torched Ply, Torched Ply2, or Paradiene 20 SA self-adhered	OPTIONAL Torched Ply or Torched Ply2	Torched Cap	-255 (Lim. 9)

Assemblies with All Layers Adhered over Concrete Deck (New or Existing)									
System No.	Vapor Barrier	Base Insulation	Base Attachment	Top Insulation	Top Attachment	Base Ply	Ply Sheet	Cap Sheet	MDP (psf)
C-A-65	Irex 40 torch adhered to primed deck with ASTM D 41 primer	Min.1.5-inch Paratherm	IA-IS applied 6-inch o.c.	DensDeck Prime	IA-IS applied 6-inch o.c.	Pro Base SA self-adhered	-	Paradiene 30 FR SA self-adhered	-255 (Lim. 9)
C-A-66	OPTIONAL Irex 40 torch adhered to primed deck with ASTM D 41 primer	Min.2-inch Paratherm G	IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	Sturdy-Dek	IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	Adhered Base in PA-311R	OPTIONAL Adhered Base in PA-311E or PA-311R	Cold Cap adhered in PA-311E or PA-311R	-255 (Lim. 9; Non-HVHZ)
C-A-67	-	Min.1.5-inch Paratherm G	IA-IS, IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	DEXcell FA	IA-IS, IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	Pro Base SA self-adhered	-	Paradiene 30 FR SA self-adhered	-255 (Lim. 9)
C-A-68	-	Min.1.5-inch Paratherm G	IA-IS applied 12-inch o.c.	DEXcell FA	IA-IS applied 12-inch o.c.	Paratech Glass Base SA 2.5	OPTIONAL Torched Ply or Torched Ply2	Torched Cap	-255 (Lim. 9)
C-A-69	OPTIONAL Irex 40 torch adhered to primed deck with ASTM D 41 primer	Min.1.5-inch Paratherm	IA-OB, IA-1SP, or IA-PG1 applied 6-inch o.c.	Min. 0.5-inch SECUROCK	IA-OB, IA-1SP, or IA-PG1 applied 6-inch o.c.	Paradiene 20 SA self-adhered to PA-1125 primed board	OPTIONAL Torched Ply or Torched Ply2	Torched Cap	-262.5 (Lim. 9)
C-A-70	OPTIONAL Irex 40 torch adhered to primed deck with ASTM D 41 primer	Min.1.5-inch Paratherm G	IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	Paratherm HD	IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	Paradiene 20 TS SA or Paradiene 20 SA self-adhered	OPTIONAL Torched Ply or Torched Ply2	Torched Cap	-270 (Lim. 9)
C-A-71	-	Min.1.5-inch Paratherm G	IA-IS, IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	SECUROCK	IA-IS, IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	Pro Base SA self-adhered	-	Paradiene 30 FR SA self-adhered	-292.5 (Lim. 9)
C-A-72	-	Min.1.5-inch Paratherm G	IA-IS, IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	DensDeck Prime	IA-IS, IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	Pro Base SA self-adhered	-	Paradiene 30 FR SA self-adhered	-300 (Lim. 9)
C-A-73	-	Min.1.5-inch Paratherm G	IA-IS, IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	DensDeck Prime	IA-IS, IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	Paratech Glass Base SA 2.5 self-adhered	OPTIONAL Torched Ply or Torched Ply2	Torched Cap	-307.5 (Lim. 9)
C-A-74	-	Min.1.5-inch Paratherm G	IA-IS applied 12-inch o.c.	DEXcell FA	IA-IS applied 12-inch o.c.	Irex 40 or Adhered Base in MHF	OPTIONAL Adhered Base in MHF	Cold Cap in MHF	-307.5 (Lim. 9)

Assemblies with All Layers Adhered over Concrete Deck (New or Existing)									
System No.	Vapor Barrier	Base Insulation	Base Attachment	Top Insulation	Top Attachment	Base Ply	Ply Sheet	Cap Sheet	MDP (psf)
C-A-75	-	Min.1.5-inch Paratherm G	IA-IS applied 12-inch o.c.	SECUROCK	IA-IS applied 12-inch o.c.	Paratech Glass Base SA 2.5	OPTIONAL Torched Ply or Torched Ply2	Torched Cap	-307.5 (Lim. 9)
C-A-76	-	Min.1.5-inch Paratherm G	IA-IS applied 12-inch o.c.	SECUROCK	IA-IS applied 12-inch o.c.	Irex 40 or Adhered Base in MHF	OPTIONAL Adhered Base in MHF	Cold Cap in MHF	-315 (Lim. 9)
C-A-77	-	Min.1.5-inch Paratherm G	IA-OB, IA-1SP, IA-EF, or IA-PG1 applied 12-inch o.c.	Paratherm HD	IA-OB, IA-1SP, IA-EF, or IA-PG1 applied 12-inch o.c.	Paratech SFT Base	-	Paratech SFT Cap	-315 (Lim. 9)
C-A-78	-	-	-	-	-	Paradiene 20 TS over primed concrete deck with Paradiene PA-1125	OPTIONAL Torched Ply or Torched Ply2	Torched Cap	-352.5 (Lim. 9)
C-A-79	VB-SFT	Min.1.5-inch Paratherm G	IA-EF applied 12-inch o.c.	DEXcell FA	IA-EF applied 12-inch o.c.	SFT Ply	-	SFT Cap	-352.5 (Lim. 9)
C-A-80	-	-	-	-	-	Torched Ply or Torched Ply2 over primed concrete deck with Paradiene PA-1125	OPTIONAL Torched Ply or Torched Ply2	Torched Cap	-367.5 (Lim. 9)
C-A-81	-	Min.1.5-inch Paratherm G	IA-OB, IA-1SP, IA-EF, or IA-PG1 applied 12-inch o.c.	SECUROCK	IA-OB, IA-1SP, IA-EF, or IA-PG1 applied 12-inch o.c.	Paratech SFT Base	-	Paratech SFT Cap	-367.5 (Lim. 9)
C-A-82	-	Min.1.5-inch Paratherm G	IA-IS applied 12-inch o.c.	DensDeck Prime	IA-IS applied 12-inch o.c.	Irex 40 or Adhered Base in MHF	OPTIONAL Adhered Base in MHF	Cold Cap in MHF	-397.5 (Lim. 9)
C-A-83	-	Min.1.5-inch Paratherm G	IA-OB, IA-1SP, IA-EF, or IA-PG1 applied 12-inch o.c.	DEXcell FA or DensDeck Prime	IA-OB, IA-1SP, IA-EF, or IA-PG1 applied 12-inch o.c.	Paratech SFT Base	-	Paratech SFT Cap	-435 (Lim. 9)

Assemblies with All Layers Adhered over Poured Gypsum Deck (New or Existing)								
System No.	Base Insulation	Base Attachment	Top Insulation	Top Attachment	Base Ply	Ply Sheet	Cap Sheet	MDP (psf)
G-A-1	Min.1.5-inch Paratherm	IA-IS applied 12-inch o.c.	DensDeck Prime primed with PA-1125	IA-IS applied 12-inch o.c.	Pro Base TG torch adhered	-	Parapro	-202.5 (Lim. 9)

Assemblies with All Layers Adhered over Poured Gypsum Deck (New or Existing)								
System No.	Base Insulation	Base Attachment	Top Insulation	Top Attachment	Base Ply	Ply Sheet	Cap Sheet	MDP (psf)
G-A-2	Min.1.5-inch Paratherm	IA-IS applied 12-inch o.c.	DensDeck Prime primed with PA-1125	IA-IS applied 12-inch o.c.	Torched Ply or Torched Ply2	OPTIONAL Torched Ply or Torched Ply2	Torched Cap	-257.5 (Lim. 9)
G-A-3	Min.1.5-inch Paratherm	IA-IS applied 12-inch o.c.	DensDeck Prime primed with PA-1125	IA-IS applied 12-inch o.c.	Paratech Glass Base SA 2.5 self-adhered	OPTIONAL Torched Ply or Torched Ply2	Torched Cap	-257.5 (Lim. 9)
G-A-4	Min.1.5-inch Paratherm	IA-IS applied 12-inch o.c.	DensDeck Prime	IA-IS applied 12-inch o.c.	Pro Base SA self-adhered	-	Paradiene 30 FR SA self-adhered	-257.5 (Lim. 9)

Lightweight Insulating Concrete Assemblies with All Layers Adhered over Concrete Deck (New or Existing)							
System No.	Vapor Barrier	LWIC	Base Sheet	Base Sheet Attachment	Ply Sheet	Cap Sheet	MDP (psf)
LC-A-1	N/A	Min. 220 psi Insulcel	Paradiene 20 TS SA	Siplast PVC Quick Spray Adhesive	OPTIONAL Adhered Base in PA-311E or PA-311R	Cold Cap adhered in PA-311E or PA-311R	-52.5 (Lim. 9; Non-HVHZ)
LC-A-2	N/A	Min. 220 psi Insulcel	Paradiene 20	Parafast Insulation Adhesive T Canister	OPTIONAL Adhered Base in PA-311E or PA-311R	Cold Cap adhered in PA-311E or PA-311R	-52.5 (Lim. 9; Non-HVHZ)
LC-A-3	N/A	Min. 540 psi Insulcel	Paradiene 20	Parafast Insulation Adhesive T Canister	OPTIONAL Adhered Base in PA-311E or PA-311R	Cold Cap adhered in PA-311E or PA-311R	-52.5 (Lim. 9)
LC-A-4	N/A	Min. 540 psi Insulcel	Paradiene 20	Parafast Insulation Adhesive T Canister	OPTIONAL Torched Ply or Torched Ply2	Torched Cap	-67.5 (Lim. 9)
LC-A-5	N/A	Min. 540 psi Insulcel	Adhered Base	SFT Adhesive applied in ribbons spaced 6-inch o.c.	OPTIONAL Torched Ply, Torched Ply2, or SFT Ply	Torched Cap or SFT Cap	-70 (Lim. 9)
LC-A-6	N/A	Min. 330 psi Insulcel	Adhered Base	SFT Adhesive applied in ribbons spaced 12-inch o.c.	OPTIONAL Adhered Base in PA-311R or SFT Ply	Cold Cap R or SFT Cap	-127.5 (Lim. 9)
LC-A-7	Irex 40 (Optional)	Min. 300 psi Insulcel with RT pellets	Paradiene 20 TS	Torch Adhered	OPTIONAL Torched Ply or Torched Ply2	Teranap w/Paver	-170 (Lim. 9)
LC-A-8	Irex 40 (Optional)	Min. 300 psi Insulcel with RT pellets	Pro Base TS	Torch Adhered	-	Parapro	-202.5 (Lim. 9)

Lightweight Insulating Concrete Assemblies with All Layers Adhered over Concrete Deck (New or Existing)							
System No.	Vapor Barrier	LWIC	Base Sheet	Base Sheet Attachment	Ply Sheet	Cap Sheet	MDP (psf)
LC-A-9	Irex 40	Min. 300 psi Insulcel with RT pellets	Paradiene 20 TS	Torch Adhered	OPTIONAL Torch Ply or Torch Ply2	Torch Cap	-292.5 (Lim. 9)
LC-A-10	N/A	Min. 300 psi Insulcel with RT pellets	Paradiene 20 TS	Torch Adhered	OPTIONAL Torch Ply or Torch Ply2	Torch Cap	-317.5 (Lim. 9)

Mechanically Fastened Lightweight Insulating Concrete Assemblies over Concrete Deck (New or Existing)							
System No.	Vapor Barrier	LWIC	Base Sheet	Base Sheet Attachment	Ply Sheet	Cap Sheet	MDP (psf)
LC-M-1	Properly prepared BUR (optional)	Min. 300 psi NVS®	Fastened-Base	NVS Fastener installed 7-inch o.c. in the laps, 10-inch o.c. in three (3) equally spaced rows in the field of the roll	Mopped Ply, Torch Ply or Torch Ply2	Torch Cap or Teranap w/Paver	-75 (Lim. 7)
LC-M-2	Properly prepared BUR (optional)	Min. 300 psi NVS®	Fastened-Base	NVS Fastener installed 7-inch o.c. in the laps, 10-inch o.c. in three (3) equally spaced rows in the field of the roll	Parapro Hot Ply or Parapro Torch Ply	Parapro	-75 (Lim. 7)
LC-M-3	Properly prepared BUR (optional)	Min. 300 psi Insulcel	Fastened-Base	Zono-tite Fastener installed 7-inch o.c. in the laps, 10-inch o.c. in three (3) equally spaced rows in the field of the roll	Mopped Ply, Torch Ply or Torch Ply2	Torch Cap or Teranap w/Paver	-75 (Lim. 7)
LC-M-4	Irex 40 (Optional)	Min. 300 psi Insulcel	Fastened-Base 4-inch side lap	Zono-tite Fastener installed 7-inch o.c. in the laps, 10-inch o.c. in three (3) staggered rows in the field of the roll	Mopped Ply, Torch Ply or Torch Ply2	Torch Cap or Teranap w/Paver	-82.5 (Lim. 7)
LC-M-5	Irex 40 (Optional)	Min. 300 psi Insulcel	Fastened-Base 4-inch side lap	Zono-tite Fastener installed 7-inch o.c. in the laps, 10-inch o.c. in three (3) staggered rows in the field of the roll	Parapro Hot Ply or Parapro Torch Ply	Parapro	-82.5 (Lim. 7)
LC-M-6	N/A	Min. 200 psi ZIC	Fastened-Base	Zono-tite Fastener installed 7-inch o.c. in the laps, 7-inch o.c. in three (3) staggered rows in the field of the roll	Mopped Ply, Torch Ply or Torch Ply2	Torch Cap	-82.5 (Lim. 7)
LC-M-7	N/A	Min. 200 psi ZIC	Fastened-Base	Zono-tite Fastener installed 7-inch o.c. in the laps, 7-inch o.c. in three (3) staggered rows in the field of the roll	Parapro Hot Ply or Parapro Torch Ply	Parapro	-82.5 (Lim. 7)
LC-M-8	Irex 40 (Optional)	Min. 300 psi NVS®	Fastened-Base	NVS Fastener installed 6-inch o.c. in the laps, 6-inch o.c. in five (5) staggered rows in the field of the roll	Torch Ply or Torch Ply2	Torch Cap or Teranap w/Paver	-135 (Lim. 7)
LC-M-9	Irex 40 (Optional)	Min. 300 psi NVS®	Fastened-Base	NVS Fastener installed 6-inch o.c. in the laps, 6-inch o.c. in five (5) staggered rows in the field of the roll	Parapro Hot Ply or Parapro Torch Ply	Parapro	-135 (Lim. 7)

Lightweight Insulating Concrete Assemblies with All Layers Adhered over Steel Deck (New or Existing)							
System No.	Deck Detail	LWIC	Base Sheet	Base Sheet Attachment	Ply Sheet	Cap Sheet	MDP (psf)
LS-A-1	G33, L5, PW3/8, S12	Min. 300 psi Insulcel with RT pellets	Paradiene 20 TS	Torch Adhered	OPTIONAL Torched Ply or Torched Ply2	Torched Cap	-97.5 (Lim. 9)
LS-A-2	G33, L5, PW3/8, S12	Min. 300 psi Insulcel with RT pellets	Pro Base TS	Torch Adhered	-	Parapro	-97.5 (Lim. 9)
LS-A-3	G80	Min. 330 psi Insulcel with RT pellets	Paradiene 20 TS	Torch Adhered	OPTIONAL Torched Ply or Torched Ply2	Torched Cap	-275 (Lim. 9; HVHZ only)

Mechanically Fastened Lightweight Insulating Concrete Assemblies over Steel Deck (New or Existing)							
System No.	Deck Detail	LWIC	Base Sheet	Base Sheet Attachment	Ply Sheet	Cap Sheet	MDP (psf)
LS-M-1	G40, L6, PW3/8, S6	Min. 300 psi Insulcel	Fastened-Base	Zono-tite Fastener installed 7-inch o.c. in the laps, 10-inch o.c. in three (3) staggered rows in the field of the roll; Plates primed with PA-1125 Primer	Mopped Ply, Torched Ply, or Torched Ply2	Torched Cap	-75 (Lim. 7)
LS-M-2	G40, L6, PW3/8, S6	Min. 300 psi Insulcel	Fastened-Base	Zono-tite Fastener installed 7-inch o.c. in the laps, 10-inch o.c. in three (3) staggered rows in the field of the roll; Plates primed with PA-1125 Primer	Parapro Hot Ply Pro Base TG torch adhered	Parapro	-75 (Lim. 7)
LS-M-3	G33, L6, P, S12	Min. 200 psi ZIC	Fastened-Base	Zono-tite Fastener installed 7-inch o.c. in the laps, 7-inch o.c. in three (3) staggered rows in the field of the roll	Mopped Ply, Torched Ply, or Torched Ply2	Torched Cap	-82.5 (Lim. 7)
LS-M-4	G33, L6, P, S12	Min. 200 psi ZIC	Fastened-Base	Zono-tite Fastener installed 7-inch o.c. in the laps, 7-inch o.c. in three (3) staggered rows in the field of the roll	Parapro Hot Ply Pro Base TG torch adhered	Parapro	-82.5 (Lim. 7)

Adhered Recover Assemblies with All Layers Adhered									
System No.	Existing Roof	Base Insulation	Base Attachment	Top Insulation	Top Attachment	Base Ply	Ply Sheet	Cap Sheet	MDP (psf)
R-A-1	Siplast roof system with Paradiene series roof cover	-	-	-	-	Adhered Base or Irex 40 adhered in PA-311E, PA-311LS, PA-311M, or PA-311R	OPTIONAL Adhered Base or Irex 40 adhered in PA-311E, PA-311LS, PA-311M, or PA-311R	Cold Cap adhered in PA-311E, PA-311LS, PA-311M, or PA-311R	-150 (Lim. 9)

Assemblies with All Layers Adhered over Steel Deck (New or Existing)								
System No.	Deck Detail	Thermal Barrier/ Vapor Barrier	Base Insulation	Top Insulation	Base Ply	Ply Sheet	Cap Sheet	MDP (psf)
S-A-1	G33, L6, F1, S24	-	Min. 1.5-inch Paratherm G installed with IA-1SP applied 12-inch o.c.	DensDeck Prime installed with IA-1SP applied 12-inch o.c.	Pro Base SA self-adhered	-	Paradiene 30 FR SA self-adhered	-105 (Lim. 9)
S-A-2	G33, L6, F1, S24	-	Min. 1.5-inch Paratherm G installed with IA-1SP applied 6-inch o.c.	DensDeck Prime installed with IA-1SP applied 6-inch o.c.	Pro Base SA self-adhered	-	Paradiene 30 FR SA self-adhered	-150 (Lim. 9)

Assemblies with Adhered Membranes over Steel Deck (New, Existing, or Recover)								
System No.	Deck Detail	Thermal Barrier	Base Insulation	Top Insulation	Base Sheet	Ply Sheet	Cap Sheet	MDP (psf)
S-AM-1	G33, L5	Min. 0.5-inch SECUROCK or DensDeck Prime secured with Parafast at a rate of 1 fastener per 4ft ² primed with ASTM D 41 asphalt primer and covered with self-adhered Paradiene 20 SA	Min. 1.5-inch Paratherm installed with IA-IS applied 12-inch o.c.	DensDeck Prime installed with IA-IS applied 12-inch o.c.	Irex 40 torch adhered, Torched Ply or Torched Ply2	OPTIONAL Torched Ply or Torched Ply2	Torched Cap	-45 (Lim. 9)
S-AM-2	G33, L5	Min. 0.5-inch SECUROCK or DensDeck Prime secured with Parafast at a rate of 1 fastener per 4ft ² primed with ASTM D 41 asphalt primer and covered with self-adhered Paradiene 20 SA	Min. 1.5-inch Paratherm installed with IA-IS applied 12-inch o.c.	DensDeck Prime installed with IA-IS applied 12-inch o.c.	Pro Base TG torch adhered	-	Parapro	-45 (Lim. 9)

Assemblies with Adhered Membranes over <i>Steel Deck</i> (New, Existing, or Recover)								
System No.	Deck Detail	Thermal Barrier	Base Insulation	Top Insulation	Base Sheet	Ply Sheet	Cap Sheet	MDP (psf)
S-AM-3	G33, L5	Min. 0.5-inch <i>SECUROCK</i> or <i>DensDeck Prime</i> secured with <i>Parafast</i> at a rate of 1 fastener per 4ft ² primed with ASTM D 41 asphalt primer and covered with self-adhered <i>Paradiene 20 SA</i>	Min. 1.5-inch <i>Paratherm</i> installed with <i>IA-IS</i> applied 12-inch o.c.	<i>DensDeck Prime</i> installed with <i>IA-IS</i> applied 12-inch o.c.	Paratech Glass Base SA 2.5 self-adhered	OPTIONAL <i>Torched Ply</i> or <i>Torched Ply2</i>	<i>Torched Cap</i>	-45 (Lim. 9)
S-AM-4	G33, L5	Min. 0.5-inch <i>SECUROCK</i> or <i>DensDeck Prime</i> secured with <i>Parafast</i> at a rate of 1 fastener per 4ft ² primed with ASTM D 41 asphalt primer and covered with self-adhered <i>Paradiene 20 SA</i>	Min. 1.5-inch <i>Paratherm</i> installed with <i>IA-IS</i> applied 12-inch o.c.	<i>DensDeck Prime</i> installed with <i>IA-IS</i> applied 12-inch o.c.	Pro Base SA self-adhered	-	<i>Paradiene 30 FR SA</i> self-adhered	-45 (Lim. 9)
S-AM-5	G33, L5	-	Min. 1.5-inch <i>Approved Insulation</i>	Min. 0.5-inch <i>DensDeck Prime</i> or <i>SECUROCK</i> secured with <i>Parafast</i> at a rate of 1 fastener per 3.2ft ²	Pro Base LP or Pro Base fully adhered in SFT Adhesive	-	<i>Parapro</i> or <i>Paraflex</i>	-45 (Lim.9)
S-AM-6	G33, L5	-	Min. 1.5-inch <i>Approved Insulation</i>	Min. 0.5-inch <i>DensDeck Prime</i> or <i>SECUROCK</i> secured with <i>Parafast</i> at a rate of 1 fastener per 3.2ft ²	Pro Base LP TG or Pro Base TG torch adhered (<i>SECUROCK</i> primed with PA-917)	-	<i>Parapro</i> or <i>Paraflex</i>	-45 (Lim.9)
S-AM-7	G33, L5	-	Min. 1.5-inch <i>Approved Insulation</i>	Min. 0.5-inch <i>DensDeck Prime</i> or <i>SECUROCK</i> secured with <i>Parafast</i> at a rate of 1 fastener per 3.2ft ²	Pro Base LP SA self-adhered to cover board primed with PA-917	-	<i>Parapro</i> or <i>Paraflex</i>	-45 (Lim.9)
S-AM-8	G33, L5	-	Min. 1.5-inch <i>Approved Insulation</i>	Min. 0.5-inch <i>DensDeck Prime</i> or <i>SECUROCK</i> secured with <i>Parafast</i> at a rate of 1 fastener per 3.2ft ²	Paratech Glass Base SA 2.5 self-adhered	OPTIONAL <i>Torched Ply</i> or <i>Torched Ply2</i>	<i>Torched Cap</i>	-45 (Lim.9)

Assemblies with Adhered Membranes over <i>Steel Deck</i> (New, Existing, or Recover)								
System No.	Deck Detail	Thermal Barrier	Base Insulation	Top Insulation	Base Sheet	Ply Sheet	Cap Sheet	MDP (psf)
S-AM-9	G33, L5	-	Min. 1.5-inch <i>Approved Insulation</i>	Min. 0.5-inch <i>DensDeck Prime</i> or secured with <i>Parafast</i> at a rate of 1 fastener per 3.2ft ²	Pro Base SA self-adhered	-	Paradiene 30 FR SA self-adhered	-45 (Lim.9)
S-AM-10	G33, L5	-	Min. 1.5-inch <i>Approved Insulation</i>	Min. 0.5-inch <i>SECUROCK</i> secured with <i>Parafast</i> at a rate of 1 fastener per 3.2ft ²	<i>Adhered Base</i> in PA-311R	OPTIONAL <i>Adhered Base</i> in PA-311E or PA-311R	<i>Cold Cap</i> adhered in PA-311E or PA-311R	-45 (Lim.9)
S-AM-11	G33, L5	-	Min. 1.5-inch <i>Approved Insulation</i>	Min. 0.5-inch <i>SECUROCK</i> secured with <i>Parafast</i> at a rate of 1 fastener per 3.2ft ²	<i>Adhered Base</i> or Irex 40 in PA-311E	OPTIONAL <i>Adhered Base</i> or IREX 40 in PA-311E	<i>Cold Cap</i> adhered in PA-311E	-45 (Lim.9)
S-AM-12	G33,L5	-	Min. 1.5-inch <i>Approved Insulation</i>	Min. 0.5-inch <i>DensDeck Prime</i> or <i>SECUROCK</i> secured with <i>Parafast</i> at 20 per 4 ft x 8 ft board	Irex 40 or Paradiene 20 TG torch adhered	-	Paradiene 30 FR TG torch adhered	-45 (Lim.9)
S-AM-13	G33, L5	-	Min. 2-inch Paratherm G secured with <i>Parafast</i> at 8 per 4 ft x 8 ft board	Min. 0.25-inch Sturdy-Dek installed with IA-OB applied 12-inch o.c.	<i>Adhered Base</i> in PA-311R	OPTIONAL <i>Adhered Base</i> in PA-311E or PA-311R	<i>Cold Cap</i> adhered in PA-311E or PA-311R	-45 (Lim. 9)
S-AM-14	G33, L5	-	Min. 2-inch Paratherm G secured with <i>Parafast</i> at 8 per 4 ft x 8 ft board	Min. 0.25-inch Sturdy-Dek installed with IA-OB applied 12-inch o.c.	<i>Torched Ply</i> or <i>Torched Ply2</i>	OPTIONAL <i>Torched Ply</i> or <i>Torched Ply2</i>	<i>Torched Cap</i>	-45 (Lim. 9)
S-AM-15	G33, L5	-	Min. 1.5-inch <i>Approved Insulation</i>	Min. 0.5-inch <i>SECUROCK</i> through fastened with <i>Parafast</i> at a rate of 1 fastener per 3.2ft ²	<i>Paratech Cold Ply</i>	OPTIONAL <i>Paratech Cold Ply</i>	<i>Paratech Cold Cap</i>	-45 (Lim. 9)
S-AM-16	G33, L5	-	Min. 1.5-inch <i>Approved Insulation</i>	Paratherm HD through fastened with <i>Parafast</i> at a rate of 1 fastener per 2ft ²	Paradiene 20 TS SA or Paradiene 20 SA self-adhered	OPTIONAL <i>Torched Ply</i> or <i>Torched Ply2</i>	<i>Torched Cap</i>	-45 (Lim. 9)
S-AM-17	G33, L5	-	Min. 1.5-inch <i>Approved Insulation</i>	Paratherm HD through fastened with <i>Parafast</i> at a rate of 1 fastener per 2ft ²	<i>Adhered Base</i> in PA-311R	OPTIONAL <i>Adhered Base</i> in PA-311E or PA-311R	<i>Cold Cap</i> adhered in PA-311E or PA-311R	-45 (Lim. 9)

Assemblies with Adhered Membranes over <i>Steel Deck</i> (New, Existing, or Recover)								
System No.	Deck Detail	Thermal Barrier	Base Insulation	Top Insulation	Base Sheet	Ply Sheet	Cap Sheet	MDP (psf)
S-AM-18	G33, L5	-	Min. 0.5-inch <i>Approved Insulation</i>	Min. 0.5-inch <i>SECUROCK</i> through fastened with <i>Parafast</i> at a rate of 1 fastener per 4ft ²	Paradiene 20 SA self-adhered	OPTIONAL <i>Adhered Base</i> adhered in PA-311E or PA-311R	<i>Cold Cap</i> adhered in PA-311E or PA-311R	-45 (Lim. 9)
S-AM-19	G33, L6, F2W, S12	-	Min. 1.5-inch <i>Approved Insulation</i>	Min. 0.5-inch <i>SECUROCK</i> through fastened with <i>Parafast</i> at 32 per 4 ft x 8 ft board	<i>Adhered Base</i> fully adhered in MHF or PA-311M	OPTIONAL <i>Adhered Base</i> fully adhered in MHF or PA-311M	Paradiene 30 FR or Paradiene 30 HT FR fully adhered in MHF or PA-311M	-52.5 (Lim. 7)
S-AM-20	G33, L6, F1W, S24	-	Min. 1.5-inch <i>Approved Insulation</i>	<i>DensDeck Prime</i> through fastened with <i>Parafast</i> at a rate of 1 fastener per 1.6ft ²	Irex 40 torch adhered, <i>Torched Ply</i> or <i>Torched Ply2</i>	OPTIONAL <i>Torched Ply</i> or <i>Torched Ply2</i>	<i>Torched Cap</i>	-60 (Lim.7)
S-AM-21	G33, L6, F1W, S24	-	Min. 1.5-inch <i>Approved Insulation</i>	<i>DensDeck Prime</i> through fastened with <i>Parafast</i> at a rate of 1 fastener per 1.6ft ²	Pro Base TG torch adhered	-	<i>Parapro</i>	-60 (Lim.7)
S-AM-22	G33, L6, F1W, S24	-	Min. 1.5-inch <i>Approved Insulation</i>	<i>DensDeck Prime</i> through fastened with <i>Parafast</i> at a rate of 1 fastener per 1.6ft ²	Pro Base SA self-adhered	-	Paradiene 30 FR SA self-adhered	-60 (Lim.7)
S-AM-23	G33, L6, F1, S24	-	Min. 1.5-inch <i>Approved Insulation</i>	<i>EnergyGuard HD</i> through fastened with <i>Parafast</i> at 24 per 4 ft x 8 ft board <i>Alternate</i>	<i>Adhered Base</i> in PA-311R	OPTIONAL <i>Adhered Base</i> in PA-311E or PA-311R	<i>Cold Cap</i> adhered in PA-311E or PA-311R	-60 (Lim.7)
S-AM-24	G33, L6, F1, S24	-	Min. 1.5-inch <i>Approved Insulation</i>	<i>EnergyGuard HD</i> through fastened with <i>Parafast</i> at 24 per 4 ft x 8 ft board <i>Alternate</i>	Paradiene 20 TS SA self-adhered	OPTIONAL <i>Torched Ply</i> or <i>Torched Ply2</i>	<i>Torched Cap</i>	-60 (Lim.7)
S-AM-25	G33, L6, F1W, S24	Min. 0.5-inch <i>DensDeck Prime</i> secured with <i>Parafast</i> at a rate of 1 fastener per 1.6ft ² primed with ASTM D 41 asphalt primer and covered with self-adhered Paradiene 20 SA	Min. 1.5-inch Paratherm G installed with IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	<i>DensDeck Prime</i> installed with IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	Irex 40 torch adhered, <i>Torched Ply</i> or <i>Torched Ply2</i>	OPTIONAL <i>Torched Ply</i> or <i>Torched Ply2</i>	<i>Torched Cap</i>	-67.5 (Lim.7)

Assemblies with Adhered Membranes over Steel Deck (New, Existing, or Recover)								
System No.	Deck Detail	Thermal Barrier	Base Insulation	Top Insulation	Base Sheet	Ply Sheet	Cap Sheet	MDP (psf)
S-AM-26	G33, L6, F1W, S24	Min. 0.5-inch DensDeck Prime secured with <i>Parafast</i> at a rate of 1 fastener per 1.6ft ² primed with ASTM D 41 asphalt primer and covered with self-adhered Paradiene 20 SA	Min. 1.5-inch Paratherm G installed with <i>IA-OB</i> , <i>IA-1SP</i> , or <i>IA-PG1</i> applied 12-inch o.c.	<i>DensDeck Prime</i> installed with <i>IA-OB</i> , <i>IA-1SP</i> , or <i>IA-PG1</i> applied 12-inch o.c.	Pro Base TG torch adhered	-	<i>Parapro</i>	-67.5 (Lim.7)
S-AM-27	G33, L6, F1W, S24	Min. 0.5-inch DensDeck Prime secured with <i>Parafast</i> at a rate of 1 fastener per 1.6ft ² with Irex 40 torched adhered	Min. 1.5-inch Paratherm G installed with <i>IA-OB</i> , <i>IA-1SP</i> , or <i>IA-PG1</i> applied 12-inch o.c.	<i>DensDeck Prime</i> installed with <i>IA-OB</i> , <i>IA-1SP</i> , or <i>IA-PG1</i> applied 12-inch o.c.	Irex 40 torch adhered, <i>Torched Ply</i> or <i>Torched Ply2</i>	OPTIONAL <i>Torched Ply</i> or <i>Torched Ply2</i>	<i>Torched Cap</i>	-67.5 (Lim.7)
S-AM-28	G33, L6, F1W, S24	Min. 0.5-inch DensDeck Prime secured with <i>Parafast</i> at a rate of 1 fastener per 1.6ft ² with Irex 40 torched adhered	Min. 1.5-inch Paratherm G installed with <i>IA-OB</i> , <i>IA-1SP</i> , or <i>IA-PG1</i> applied 12-inch o.c.	<i>DensDeck Prime</i> installed with <i>IA-OB</i> , <i>IA-1SP</i> , or <i>IA-PG1</i> applied 12-inch o.c.	Pro Base TG torch adhered	-	<i>Parapro</i>	-67.5 (Lim.7)
S-AM-29	G33, L6, F1W, S24	-	Min. 1.5-inch <i>Approved Insulation</i>	Min. 0.375-inch <i>SECUROCK</i> through fastened with <i>Parafast</i> at a rate of 1 fastener per 1.6ft ²	Irex 40 torch adhered	OPTIONAL <i>Torched Ply</i> or <i>Torched Ply2</i>	<i>Torched Cap</i>	-67.5 (Lim.7)
S-AM-30	G33, L6, F1W, S24	-	Min. 1.5-inch <i>Approved Insulation</i>	Min. 0.375-inch <i>SECUROCK</i> through fastened with <i>Parafast</i> at a rate of 1 fastener per 1.6ft ²	<i>Adhered Base</i> in <i>MHF</i> , <i>PA-311E</i> or <i>PA-311R</i>	OPTIONAL <i>Adhered Base</i> in <i>MHF</i> , <i>PA-311E</i> , or <i>PA-311R</i>	<i>Cold Cap</i> in <i>MHF</i> , <i>PA-311E</i> , or <i>PA-311R</i>	-67.5 (Lim.7)
S-AM-31	G33, L6, F1W, S24	-	Min. 1.5-inch <i>Approved Insulation</i>	Min. 0.375-inch <i>SECUROCK</i> through fastened with <i>Parafast</i> at a rate of 1 fastener per 1.6ft ²	Irex 40 in <i>PA-311E</i>	<i>Adhered Base</i> in <i>PA-311E</i>	<i>Cold Cap</i> in <i>MHF</i> , <i>PA-311E</i> , or <i>PA-311R</i>	-67.5 (Lim.7)
S-AM-32	G33, L6, F1W, S24	-	Min. 1.5-inch <i>Approved Insulation</i>	Min. 0.375-inch <i>SECUROCK</i> through fastened with <i>Parafast</i> at a rate of 1 fastener per 1.6ft ²	<i>Paratech Cold Ply</i>	OPTIONAL <i>Paratech Cold Ply</i>	<i>Paratech Cold Cap</i>	-67.5 (Lim.7)

Assemblies with Adhered Membranes over <i>Steel Deck</i> (New, Existing, or Recover)								
System No.	Deck Detail	Thermal Barrier	Base Insulation	Top Insulation	Base Sheet	Ply Sheet	Cap Sheet	MDP (psf)
S-AM-33	G33, L6, F1W, S24	Min. 2-inch Paratherm G through fastened with <i>Parafast</i> at 32 per 4 ft x 8 ft board	Min. 0.5-inch Paratherm G followed by optional 1.5-inch layers of Paratherm G installed with <i>IA-OB</i> , <i>IA-1SP</i> , or <i>IA-PG1</i> applied 12-inch o.c.; Max thickness including 2-inch fastened insulation is 12-inch	<i>DensDeck Prime</i> installed with <i>IA-OB</i> , <i>IA-1SP</i> , or <i>IA-PG1</i> applied 12-inch o.c.	Irex 40 torch adhered	OPTIONAL <i>Torched Ply</i> or <i>Torched Ply2</i>	<i>Torched Cap</i>	-67.5 (Lim.7)
S-AM-34	G33, L6, F1W, S24	Min. 0.5-inch <i>DensDeck Prime</i> secured with <i>Parafast</i> at a rate of 1 fastener per 1.6ft ² with <i>Paradiene 20 TG</i> torch adhered	One or more layers of min. 1.5-inch <i>Paratherm</i> installed with <i>IA-OB</i> , <i>IA-1SP</i> , or <i>IA-PG1</i> applied 12-inch o.c.	<i>DensDeck Prime</i> installed with <i>IA-OB</i> , <i>IA-1SP</i> , or <i>IA-PG1</i> applied 12-inch o.c.	Irex 40 torch adhered	OPTIONAL <i>Torched Ply</i> or <i>Torched Ply2</i>	<i>Torched Cap</i>	-67.5 (Lim.7)
S-AM-35	G33, L6, F1W, S24	Min. 0.5-inch <i>DensDeck Prime</i> secured with <i>Parafast</i> at a rate of 1 fastener per 1.6ft ² with <i>Paradiene 20 TG</i> torch adhered	One or more layers of min. 1.5-inch <i>Paratherm</i> installed with <i>IA-OB</i> , <i>IA-1SP</i> , or <i>IA-PG1</i> applied 12-inch o.c.	<i>DensDeck Prime</i> installed with <i>IA-OB</i> , <i>IA-1SP</i> , or <i>IA-PG1</i> applied 12-inch o.c.	Pro Base SA self-adhered	-	<i>Paradiene 30 FR SA</i> self-adhered	-67.5 (Lim.7)
S-AM-36	G33, L6, F1, S24	-	Min. 1.5-inch <i>Approved Insulation</i>	Min. 0.5-inch <i>SECUROCK</i> through fastened with <i>Parafast</i> at 24 per 4 ft x 8 ft board Alternate	<i>Adhered Base</i> in <i>MHF</i> , <i>PA-311E</i> , or <i>PA-311R</i>	OPTIONAL <i>Adhered Base</i> in <i>MHF</i> , <i>PA-311E</i> , or <i>PA-311R</i>	<i>Cold Cap</i> in <i>MHF</i> , <i>PA-311E</i> , or <i>PA-311R</i>	-67.5 (Lim. 7)
S-AM-37	G33, L6, F1, S24	-	Min. 1.5-inch <i>Approved Insulation</i>	Min. 0.5-inch <i>SECUROCK</i> through fastened with <i>Parafast</i> at 24 per 4 ft x 8 ft board Alternate	Irex 40 in <i>PA-311E</i>	<i>Adhered Base</i> in <i>PA-311E</i>	<i>Cold Cap</i> in <i>MHF</i> , <i>PA-311E</i> , or <i>PA-311R</i>	-67.5 (Lim. 7)
S-AM-38	G33, L6, F1, S24	-	Min. 2-inch Paratherm G secured with <i>Parafast</i> at 32 per 4 ft x 8 ft board	Min. 0.25-inch <i>Sturdy-Dek</i> installed with <i>IA-OB</i> applied 12-inch o.c.	<i>Adhered Base</i> in <i>PA-311R</i>	OPTIONAL <i>Adhered Base</i> in <i>PA-311E</i> or <i>PA-311R</i>	<i>Cold Cap</i> adhered in <i>PA-311E</i> or <i>PA-311R</i>	-67.5 (Lim. 7)

Assemblies with Adhered Membranes over <i>Steel Deck</i> (New, Existing, or Recover)								
System No.	Deck Detail	Thermal Barrier	Base Insulation	Top Insulation	Base Sheet	Ply Sheet	Cap Sheet	MDP (psf)
S-AM-39	G33, L6, F1, S12	-	Min. 0.5-inch <i>Approved Insulation</i>	Min. 0.5-inch <i>DensDeck Prime</i> through fastened with <i>Parafast</i> at a rate of 1 fastener per 1.33ft ² OPTIONALLY primed with Siplast PVC Quick Spray Adhesive	Pro Base SA self-adhered	-	Paradiene 30 FR SA self-adhered	-67.5 (Lim. 7)
S-AM-40	G33, L6, F1, S24	-	Min. 1.5-inch <i>Approved Insulation</i>	Min. 0.5-inch <i>SECUROCK</i> through fastened with <i>Parafast</i> at 24 per 4 ft x 8 ft board <i>Alternate</i>	<i>Paratech Cold Ply</i>	OPTIONAL <i>Paratech Cold Ply</i>	<i>Paratech Cold Cap</i>	-67.5 (Lim. 7)
S-AM-41	G33, L6, F1W, S24	-	Min. 1.5-inch <i>Approved Insulation</i>	Min. 0.375-inch <i>SECUROCK</i> through fastened with <i>Parafast</i> at a rate of 1 fastener per 1.6ft ²	<i>Torched Ply or Torched Ply2</i>	OPTIONAL <i>Torched Ply or Torched Ply2</i>	<i>Torched Cap</i>	-75 (Lim.7)
S-AM-42	G33, L6, F1W, S24	-	Min. 1.5-inch <i>Approved Insulation</i>	Min. 0.375-inch <i>SECUROCK</i> through fastened with <i>Parafast</i> at a rate of 1 fastener per 1.6ft ²	Pro Base TG torch adhered	-	<i>Parapro</i>	-75 (Lim.7)
S-AM-43	G33, L6, F1W, S12	-	Min. 1.5-inch <i>Approved Insulation</i>	Min. 0.5-inch <i>DensDeck Prime</i> or <i>SECUROCK</i> secured with <i>Parafast</i> at rate of 1 fastener per 1ft ²	Pro Base LP SA self-adhered to cover board primed with PA-917	-	<i>Parapro or Paraflex</i>	-75 (Lim.7)
S-AM-44	G33, L6, F1, S12	-	Min. 1.5-inch <i>Paratherm G</i> secured with <i>Parafast</i> at a rate of 1 fastener per 1.6ft ²	<i>DensDeck Prime</i> installed with <i>IA-OB</i> , <i>IA-1SP</i> , or <i>IA-PG1</i> applied 12-inch o.c.	Paradiene 20 SA self-adhered	OPTIONAL <i>Torched Ply or Torched Ply2</i>	<i>Torched Cap</i>	-75 (Lim. 7)

Assemblies with Adhered Membranes over <i>Steel Deck</i> (New, Existing, or Recover)								
System No.	Deck Detail	Thermal Barrier	Base Insulation	Top Insulation	Base Sheet	Ply Sheet	Cap Sheet	MDP (psf)
S-AM-45	G33, L6, F1W, S12	-	Min. 2-inch Paratherm G secured with <i>Parafast</i> at a rate of 1 fastener per 1.33ft ²	<u>1st Layer</u> Min. 1.5-inch Paratherm G installed with <i>IA-OB</i> , <i>IA-1SP</i> , <i>IA-EF</i> , or <i>IA-PG1</i> applied 12-inch o.c. followed by <u>2nd Layer</u> <i>DensDeck Prime</i> or <i>SECUROCK</i> installed with <i>IA-OB</i> , <i>IA-1SP</i> , <i>IA-EF</i> , or <i>IA-PG1</i> applied 12-inch o.c.	<i>Torched Ply</i>	OPTIONAL <i>Torched Ply</i>	<i>Torched Cap</i>	-75 (Lim. 7)
S-AM-46	G33, L6, F1W, S24	Min. 2-inch Paratherm G through fastened with <i>Parafast</i> at a rate of 1 fastener per 1ft ²	Min. 0.5-inch Paratherm G followed by optional 1.5-inch layers of Paratherm G installed with <i>IA-OB</i> , <i>IA-1SP</i> , or <i>IA-PG1</i> applied 12-inch o.c.; Max thickness including 2-inch fastened insulation is 12-inch	<i>DensDeck Prime</i> installed with <i>IA-OB</i> , <i>IA-1SP</i> , or <i>IA-PG1</i> applied 12-inch o.c.	<i>Torched Ply</i> or <i>Torched Ply2</i>	OPTIONAL <i>Torched Ply</i> or <i>Torched Ply2</i>	<i>Torched Cap</i>	-82.5 (Lim.7)
S-AM-47	G33, L6, F1W, S24	Min. 2-inch Paratherm G through fastened with <i>Parafast</i> at a rate of 1 fastener per 1ft ²	Min. 0.5-inch Paratherm G followed by optional 1.5-inch layers of Paratherm G installed with <i>IA-OB</i> , <i>IA-1SP</i> , or <i>IA-PG1</i> applied 12-inch o.c.; Max thickness including 2-inch fastened insulation is 12-inch	<i>DensDeck Prime</i> installed with <i>IA-OB</i> , <i>IA-1SP</i> , or <i>IA-PG1</i> applied 12-inch o.c.	Pro Base TG torch adhered	-	<i>Parapro</i>	-82.5 (Lim.7)

Assemblies with Adhered Membranes over <i>Steel Deck</i> (New, Existing, or Recover)								
System No.	Deck Detail	Thermal Barrier	Base Insulation	Top Insulation	Base Sheet	Ply Sheet	Cap Sheet	MDP (psf)
S-AM-48	G33, L6, F1W, S24	Min. 0.5-inch DensDeck Prime secured with <i>Parafast</i> at a rate of 1 fastener per 1.6ft ² with Paradiene 20 TG torch adhered	One or more layers of min. 1.5-inch <i>Paratherm</i> installed with <i>IA-OB</i> , <i>IA-1SP</i> , or <i>IA-PG1</i> applied 12-inch o.c.	<i>DensDeck Prime</i> installed with <i>IA-OB</i> , <i>IA-1SP</i> , or <i>IA-PG1</i> applied 12-inch o.c.	<i>Torched Ply</i> or <i>Torched Ply2</i>	OPTIONAL <i>Torched Ply</i> or <i>Torched Ply2</i>	<i>Torched Cap</i>	-82.5 (Lim.7)
S-AM-49	G33, L6, F1W, S24	Min. 0.5-inch DensDeck Prime secured with <i>Parafast</i> at a rate of 1 fastener per 1.6ft ² with Paradiene 20 TG torch adhered	One or more layers of min. 1.5-inch <i>Paratherm</i> installed with <i>IA-OB</i> , <i>IA-1SP</i> , or <i>IA-PG1</i> applied 12-inch o.c.	<i>DensDeck Prime</i> installed with <i>IA-OB</i> , <i>IA-1SP</i> , or <i>IA-PG1</i> applied 12-inch o.c.	Pro Base TG torch adhered	-	<i>Parapro</i>	-82.5 (Lim.7)
S-AM-50	G33, L6, F1W, S12	-	Min. 1.5-inch <i>Approved Insulation</i>	Min. 0.5-inch DensDeck Prime or <i>SECUROCK</i> secured with <i>Parafast</i> at a rate of 1 fastener per 1ft ²	Pro Base LP or Pro Base fully adhered in <i>MHF</i> or <i>SFT</i> Adhesive	-	<i>Parapro</i> or <i>Paraflex</i>	-82.5 (Lim.7)
S-AM-51	G33, L6, F1W, S12	-	Min. 1.5-inch <i>Approved Insulation</i>	Min. 0.5-inch DensDeck Prime or <i>SECUROCK</i> secured with <i>Parafast</i> at a rate of 1 fastener per 1ft ²	Pro Base LP TG or Pro Base TG torch adhered (<i>SECUROCK</i> primed with PA-917)	-	<i>Parapro</i> or <i>Paraflex</i>	-82.5 (Lim.7)
S-AM-52	G33, L6, F2W, S12	-	Min. 1.5-inch <i>Approved Insulation</i>	Min. 0.5-inch DensDeck Prime or <i>SECUROCK</i> through fastened with <i>Parafast</i> at a rate of 1 fastener per 1ft ²	<i>Adhered Base</i> fully adhered in <i>MHF</i> or <i>SFT</i> Adhesive	OPTIONAL <i>Adhered Base</i> fully adhered in <i>MHF</i> or <i>SFT</i> Adhesive	Paradiene 30 FR or Paradiene 30 HT FR fully adhered in <i>MHF</i> or <i>SFT</i> Adhesive	-82.5 (Lim. 7)
S-AM-53	G33, L6, F1W, S12	-	Min. 1.5-inch Paratherm G secured with <i>Parafast</i> at a rate of 1 fastener per 1.33ft ²	<i>DensDeck Prime</i> installed with <i>IA-OB</i> , <i>IA-1SP</i> , or <i>IA-PG1</i> applied 12-inch o.c.	Paradiene 20 SA self-adhered	OPTIONAL <i>Torched Ply</i> or <i>Torched Ply2</i>	<i>Torched Cap</i>	-82.5 (Lim. 7)
S-AM-54	G33, L6, F1W, S12	-	Min. 1.5-inch Paratherm G secured with <i>Parafast</i> at a rate of 1 fastener per 1.33ft ²	<i>DensDeck Prime</i> installed with <i>IA-OB</i> , <i>IA-1SP</i> , or <i>IA-PG1</i> applied 12-inch o.c.	Paratech Glass Base SA 2.5 self-adhered	-	<i>Paratech Cap</i>	-82.5 (Lim. 7)

Assemblies with Adhered Membranes over <i>Steel Deck</i> (New, Existing, or Recover)								
System No.	Deck Detail	Thermal Barrier	Base Insulation	Top Insulation	Base Sheet	Ply Sheet	Cap Sheet	MDP (psf)
S-AM-55	G33, L6, F1W, S12	-	Min. 1.5-inch Paratherm G secured with <i>Parafast</i> at a rate of 1 fastener per 1.33ft ²	<i>DensDeck Prime</i> installed with <i>IA-OB</i> , <i>IA-1SP</i> , or <i>IA-PG1</i> applied 12-inch o.c.	<i>SFTH Ply</i>	OPTIONAL <i>SFTH Ply</i>	<i>SFTH Cap</i>	-82.5 (Lim. 7)
S-AM-56	G33, L6, F1, S12	-	Min. 1.5-inch <i>Approved Insulation</i>	Paratherm HD through fastened with <i>Parafast</i> at a rate of 1 fastener per 1ft ²	<i>Adhered Base</i> in PA-311R	OPTIONAL <i>Adhered Base</i> in PA-311E or PA-311R	<i>Cold Cap</i> adhered in PA-311E or PA-311R	-82.5 (Lim. 7)
S-AM-57	G33, L6, F1, S12	-	Min. 1.5-inch <i>Approved Insulation</i>	Paratherm HD through fastened with <i>Parafast</i> at a rate of 1 fastener per 1ft ²	Paradiene 20 TS SA or Paradiene 20 SA self-adhered	OPTIONAL <i>Torched Ply</i> or <i>Torched Ply2</i>	<i>Torched Cap</i>	-82.5 (Lim. 7)
S-AM-58	G33, L6, F2W, S12	-	Min. 0.5-inch <i>Approved Insulation</i>	Min. 0.5-inch <i>SECUROCK</i> through fastened with <i>Parafast</i> at a rate of 1 fastener per 1.33ft ²	Paradiene 20 SA self-adhered	OPTIONAL <i>Adhered Base</i> adhered in PA-311E or PA-311R	<i>Cold Cap</i> adhered in PA-311E or PA-311R	-82.5 (Lim. 7)
S-AM-59	G33, L6, F1, S12	-	Min. 0.5-inch <i>Approved Insulation</i>	Min. 0.5-inch <i>DensDeck Prime</i> or <i>SECUROCK</i> through fastened with <i>Parafast</i> at a rate of 1 fastener per 1.33ft ²	Paratech Glass Base SA 2.5 self-adhered	-	<i>Paratech Cap</i>	-82.5 (Lim. 7)
S-AM-60	G33, L6, F1W, S12	Min. 0.5-inch <i>DensDeck Prime</i> secured with <i>Parafast</i> at 1 fastener per 1.6ft ² with <i>SFTH Ply</i>	One or more layers of min. 1.5-inch Paratherm G installed with <i>IA-1SP</i> applied 12-inch o.c.	Min. 0.5-inch <i>DensDeck Prime</i> installed with <i>IA-1SP</i> applied 12-inch o.c.	<i>SFTH Ply</i>	OPTIONAL <i>SFTH Ply</i>	<i>SFTH Cap</i>	-82.5 (Lim. 7)
S-AM-61	G80, L6, F1W, S24	Min. 0.5-inch <i>DensDeck Prime</i> secured with <i>Parafast</i> at a rate of 1 fastener per 1.6ft ² with Paradiene 20 TG torch adhered	One or more layers of min. 1.5-inch Paratherm installed with <i>IA-OB</i> , <i>IA-1SP</i> , or <i>IA-PG1</i> applied 12-inch o.c.	<i>DensDeck Prime</i> installed with <i>IA-OB</i> , <i>IA-1SP</i> , or <i>IA-PG1</i> applied 12-inch o.c.	<i>Torched Ply</i> or <i>Torched Ply2</i>	OPTIONAL <i>Torched Ply</i> or <i>Torched Ply2</i>	<i>Torched Cap</i>	-90 (Lim. 7)
S-AM-62	G80, L6, F1W, S24	Min. 0.5-inch <i>DensDeck Prime</i> secured with <i>Parafast</i> at rate of 1 fastener per 1.6ft ² with Paradiene 20 TG torch adhered	One or more layers of min. 1.5-inch Paratherm installed with <i>IA-OB</i> , <i>IA-1SP</i> , or <i>IA-PG1</i> applied 12-inch o.c.	<i>DensDeck Prime</i> installed with <i>IA-OB</i> , <i>IA-1SP</i> , or <i>IA-PG1</i> applied 12-inch o.c.	Pro Base TG torch adhered	-	<i>Parapro</i>	-90 (Lim. 7)

Assemblies with Adhered Membranes over <i>Steel Deck</i> (New, Existing, or Recover)								
System No.	Deck Detail	Thermal Barrier	Base Insulation	Top Insulation	Base Sheet	Ply Sheet	Cap Sheet	MDP (psf)
S-AM-63	G80, L6, F2W, S12	-	Min. 1.5-inch <i>Approved Insulation</i>	Min. 0.5-inch DensDeck Prime through fastened with Parafast at 32 per 4 ft x 8 ft board	Adhered Base fully adhered in SFT Adhesive	OPTIONAL Adhered Base fully adhered in SFT Adhesive	Paradiene 30 FR or Paradiene 30 HT FR fully adhered in SFT Adhesive	-90 (Lim. 7)
S-AM-64	G33, L6, F1W, S24	-	Min. 1.5-inch <i>Approved Insulation</i>	Min. 0.5-inch DensDeck Prime through fastened with Parafast XHD at 32 per 4 ft x 8 ft board. Plates are primed with ASTM D 41 primer	Paradiene 20 SA self-adhered	OPTIONAL Mopped Ply, Torched Ply or Torched Ply2	Torched Cap	-97.5 (Lim. 7)
S-AM-65	G33, L6, F1W, S24	-	Min. 1.5-inch <i>Approved Insulation</i>	Min. 0.5-inch DensDeck Prime through fastened with Parafast XHD at a rate of 1 fastener per 1ft ² Plates are primed with ASTM D 41 primer	Pro Base SA self-adhered	-	Parapro	-97.5 (Lim. 7)
S-AM-66	G80, L6, F1, S12	-	Min. 0.5-inch <i>Approved Insulation</i>	Min. 0.5-inch DensDeck Prime or SECUROCK through fastened with Parafast at a rate of 1 fastener per 1.33ft ²	Paratech Glass Base SA 2.5 self-adhered	-	Paratech Cap	-97.5 (Lim. 7)
S-AM-67	G80, L6, F1W, S12	-	Min. 1.5-inch Paratherm G secured with Parafast at a rate of 1 fastener per 1.33ft ²	DensDeck Prime installed with IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	Paradiene 20 SA self-adhered	OPTIONAL Torched Ply or Torched Ply2	Torched Cap	-105 (Lim. 7)
S-AM-68	G80, L6, F1W, S12	-	Min. 1.5-inch Paratherm G secured with Parafast at a rate of 1 fastener per 1.33ft ²	DensDeck Prime installed with IA-OB, IA-1SP, or IA-PG1 applied 12-inch o.c.	SFTH Ply	OPTIONAL SFTH Ply	SFTH Cap	-105 (Lim. 7)
S-AM-69	G80, L6, F1W, S12	Min. 0.5-inch DensDeck Prime secured with Parafast at 1 fastener per 1.6ft ² with SFTH Ply	One or more layers of min. 1.5-inch Paratherm G installed with IA-1SP applied 12-inch o.c.	Min. 0.5-inch DensDeck Prime installed with IA-1SP applied 12-inch o.c.	SFTH Ply	OPTIONAL SFTH Ply	SFTH Cap	-105 (Lim. 7)

Assemblies with Adhered Membranes over <i>Steel Deck</i> (New, Existing, or Recover)								
System No.	Deck Detail	Thermal Barrier	Base Insulation	Top Insulation	Base Sheet	Ply Sheet	Cap Sheet	MDP (psf)
S-AM-70	G80, L6, F2W, S12	-	Min. 1.5-inch <i>Approved Insulation</i>	Min. 0.5-inch <i>SECUROCK</i> through fastened with <i>Parafast</i> at 32 per 4 ft x 8 ft board	<i>Adhered Base</i> fully adhered in <i>MHF</i> or <i>SFT</i> Adhesive	OPTIONAL <i>Adhered Base</i> fully adhered in <i>MHF</i> or <i>SFT</i> Adhesive	Paradiene 30 FR or Paradiene 30 HT FR fully adhered in <i>MHF</i> or <i>SFT</i> Adhesive	-120 (Lim. 7)
S-AM-71	G80, L6, F2W, S12	Min. 0.5-inch DensDeck Prime secured with <i>Parafast</i> at 1 fastener per 1ft ² with <i>SFTH Ply</i>	One or more layers of min. 1.5-inch Paratherm G installed with <i>IA-1SP</i> applied 6-inch o.c.	Min. 0.5-inch DensDeck Prime installed with <i>IA-1SP</i> applied 6-inch o.c.	<i>SFTH Ply</i>	OPTIONAL <i>SFTH Ply</i>	<i>SFTH Cap</i>	-127.5 (Lim. 7)
S-AM-72	G80, L6, F1W, S12	-	Min. 1.5-inch <i>Approved Insulation</i>	Min. 0.5-inch DensDeck Prime or <i>SECUROCK</i> secured with <i>Parafast</i> at a rate of 1 fastener per 1ft ²	Pro Base LP or Pro Base fully adhered in <i>MHF</i> or <i>SFT</i> Adhesive	-	<i>Parapro</i> or <i>Paraflex</i>	-135 (Lim.7)
S-AM-73	G80, L6, F1W, S12	-	Min. 1.5-inch <i>Approved Insulation</i>	Min. 0.5-inch DensDeck Prime or <i>SECUROCK</i> secured with <i>Parafast</i> at a rate of 1 fastener per 1ft ²	Pro Base LP TG or Pro Base TG torch adhered (<i>SECUROCK</i> primed with PA-917)	-	<i>Parapro</i> or <i>Paraflex</i>	-135 (Lim.7)
S-AM-74	G80, L6, F1W, S12	-	Min. 1.5-inch <i>Approved Insulation</i>	Min. 0.5-inch <i>DEXcell FA</i> , <i>DensDeck Prime</i> , or <i>SECUROCK</i> secured with <i>Parafast</i> XHD Roofing Fasteners and <i>Parafast</i> Metal Plates at a rate of 1 fastener per 1ft ²	<i>Paratech SFT Base</i>	-	<i>Paratech SFT Cap</i>	-150 (Lim. 7)
S-AM-75	G80, L6, F2W, S12	-	Min. 0.5-inch <i>Approved Insulation</i>	Min. 0.5-inch <i>DensDeck Prime</i> or <i>SECUROCK</i> through fastened with <i>Parafast</i> at a rate of 1 fastener per 1ft ²	<i>Paratech</i> Glass Base SA 2.5 self-adhered	-	<i>Paratech Cap</i>	-150 (Lim. 7)
S-AM-76	G80, L6, F2W, S12	-	Min. 1.5-inch <i>Approved Insulation</i>	Min. 0.5-inch <i>SECUROCK</i> secured with <i>Parafast</i> at a rate of 1 fastener per 1ft ²	Pro Base SA applied with <i>TPX-QSA</i>	-	Paradiene 30 FR SA self-adhered	-150 (Lim. 7)

Assemblies with Adhered Membranes over <i>Steel Deck</i> (New, Existing, or Recover)								
System No.	Deck Detail	Thermal Barrier	Base Insulation	Top Insulation	Base Sheet	Ply Sheet	Cap Sheet	MDP (psf)
S-AM-77	G80, L6, F2W, S12	-	Min. 0.5-inch <i>Approved Insulation</i>	Min. 0.5-inch <i>SECUROCK</i> through fastened with <i>Parafast</i> at a rate of 1 fastener per 1.33ft ²	Paradiene 20 SA self-adhered	OPTIONAL <i>Adhered Base</i> adhered in PA-311E or PA-311R	<i>Cold Cap</i> adhered in PA-311E or PA-311R	-157.5 (Lim. 9)
S-AM-78	G80, L5.6, F2W, S12	-	Min. 1.5-inch <i>Approved Insulation</i>	Min. 0.5-inch <i>SECUROCK</i> secured with <i>Parafast</i> at a rate of 1 fastener per 1ft ²	Pro Base SA applied with TPX-QSA	-	Paradiene 30 FR SA self-adhered	-157.5 (Lim. 7)
S-AM-79	G33, L6, F2W, S12	-	Min. 1.5-inch <i>Approved Insulation</i>	Min. 0.5-inch DensDeck Prime through fastened with <i>Parafast</i> at a rate of 1 fastener per 1ft ²	Pro Base TG torch adhered	-	<i>Parapro</i>	-202.5 (Lim. 7)

Mechanically Fastened Assemblies over <i>Steel Deck</i> (New, Existing, or Recover)								
System No.	Deck Detail	Base Insulation	Top Insulation	Base Sheet	Base Sheet Attachment	Ply Sheet	Cap Sheet	MDP (psf)
S-M-1	G33, L6, F1, S24	-	Min. 1.5-inch <i>Approved Insulation</i>	<i>Paratech Base</i>	Parafast XHD Roofing Fasteners and Trufast 2.4" Barbed Seam Plates spaced 18-inch o.c. within the side laps; Side laps spaced 35.5-inch o.c.	OPTIONAL Paratech 180 Base TG torch adhered	<i>Paratech Cap</i> or <i>Paratech 180 CA Cap</i>	-30 (Lim. 7; Non-HVHZ)
S-M-2	G33, L6, F1, S24	-	Min. 1.5-inch <i>Approved Insulation</i>	<i>Paratech Base</i>	Parafast Roofing Fasteners and Drill-Tec 2-3/8" Barbed XHD Plates spaced 12-inch o.c. within the side laps; Side laps spaced 35.5-inch o.c.	OPTIONAL Paratech 180 Base TG torch adhered	<i>Paratech Cap</i>	-45 (Lim. 7)
S-M-3	G33, L6, F1, S24	-	Min 1.5-inch <i>Approved Insulation</i>	<i>Paratech Base</i>	Parafast XHD Roofing Fasteners and Parafast 2-3/8" Barbed Seam Plates spaced 12-inch o.c. within the side laps; Side laps spaced 35.4-inch o.c.	OPTIONAL <i>Paratech CA Base</i>	<i>Paratech CA Cap</i>	-52.5 (Lim. 7)

Mechanically Fastened Assemblies over <i>Steel Deck (New, Existing, or Recover)</i>								
System No.	Deck Detail	Base Insulation	Top Insulation	Base Sheet	Base Sheet Attachment	Ply Sheet	Cap Sheet	MDP (psf)
S-M-4	G33, L6, F1, S24	-	Min 1.5-inch <i>Approved Insulation</i>	<i>Paratech Base</i>	Parafast XHD Roofing Fasteners and Trufast 2.4" Barbed Seam Plates spaced 12-inch o.c. within the side laps; Side laps spaced 35.5-inch o.c.	OPTIONAL Paratech 180 Base TG torch adhered	<i>Paratech Cap</i>	-60 (Lim. 7)
S-M-5	G33, L6, F1, S24	-	Min 0.5-inch <i>Approved Insulation</i>	<i>Paratech Base</i>	Parafast XHD Roofing Fasteners and Parafast 2-3/8" Barbed Seam Plates spaced 12-inch o.c. within the side laps; Side laps spaced 35.4-inch o.c.	OPTIONAL Paratech 180 Base TG torch adhered	<i>Paratech Cap</i>	-60 (Lim. 7)
S-M-6	G33, L6, F1, S24	-	Min. 1.5-inch <i>Approved Insulation</i>	<i>Paratech Base</i>	Parafast XHD Roofing Fasteners and Trufast 2.4" Barbed Seam Plates spaced 12-inch o.c. within the side laps and 12-inch o.c. in the field of roll, centered between the laps; Side laps spaced 35.5-inch o.c.	OPTIONAL Paratech 180 Base TG torch adhered	<i>Paratech Cap</i>	-75 (Lim. 7)
S-M-7	G33, L6, F1, S24	-	Min 1.5-inch <i>Approved Insulation</i>	<i>Paratech Base</i>	Parafast XHD Roofing Fasteners and Trufast 2.4" Barbed Seam Plates spaced 6-inch o.c. within the side laps; Side laps spaced 35.5-inch o.c.	OPTIONAL Paratech 180 Base TG torch adhered	<i>Paratech Cap</i>	-82.5 (Lim. 7)
S-M-8	G33, L6, F1, S24	-	Min 1.5-inch <i>Approved Insulation</i>	<i>Paratech Base</i>	Parafast Roofing Fasteners and Parafast 2-3/8" Barbed Seam Plates spaced 12-inch o.c. within the side laps and one row spaced 12-inch o.c. equidistance between the laps; Side laps spaced 35.4-inch o.c.	OPTIONAL <i>Paratech CA Base</i>	<i>Paratech CA Cap</i>	-82.5 (Lim. 7)

Mechanically Fastened Assemblies over <i>Steel Deck (New, Existing, or Recover)</i>								
System No.	Deck Detail	Base Insulation	Top Insulation	Base Sheet	Base Sheet Attachment	Ply Sheet	Cap Sheet	MDP (psf)
S-M-9	G33, L6, F2W, S12	Min 0.5-inch <i>Approved Insulation</i>	Min. 0.5-inch <i>DensDeck Prime</i>	Paradiene 20 PR	Parafast HD Roofing Fasteners and Parafast 2-3/8" Barbed Seam Plates spaced 4-inch o.c. within the 4-inch wide, torch adhered side laps and spaced 12-inch o.c. (staggered 6-inch from side lap fasteners) along the centerline between laps; Side laps spaced 35.4-inch o.c.	<i>Torched Ply</i>	<i>Torched Cap</i>	-82.5 (Lim. 7)
S-M-10	G33, L6, F1W, S12	-	Min. 1.5-inch <i>Approved Insulation</i>	<i>Paratech Base</i>	Parafast XHD Roofing Fasteners and Drill-Tec 2-3/8" Barbed XHD Plates spaced 12-inch o.c. within the side laps and 12-inch o.c. in the field of roll, centered between the laps; Side laps spaced 35.4-inch o.c.	OPTIONAL Paratech 180 Base TG torch adhered	<i>Paratech Cap</i>	-82.5 (Lim. 7)
S-M-11	G80, L6, F1W, S12	-	Min. 1.5-inch <i>Approved Insulation</i>	<i>Paratech Base</i>	Parafast XHD Roofing Fasteners and Drill-Tec 2-3/8" Barbed XHD Plates spaced 12-inch o.c. within the side laps and 12-inch o.c. in the field of roll, centered between the laps; Side laps spaced 35.4-inch o.c.	OPTIONAL Paratech 180 Base TG torch adhered	<i>Paratech Cap</i>	-105 (Lim. 7)
S-M-12	G80, L6, F2W, S12	Min 0.5-inch <i>Approved Insulation</i>	Min. 0.5-inch <i>DensDeck Prime</i>	Paradiene 20 PR	Parafast HD Roofing Fasteners and Parafast 2-3/8" Barbed Seam Plates spaced 4-inch o.c. within the 4-inch wide, torch adhered side laps and spaced 12-inch o.c. (staggered 6-inch from side lap fasteners) along the centerline between laps; Side laps spaced 35.4-inch o.c.	<i>Torched Ply</i>	<i>Torched Cap</i>	-142.5 (Lim. 7)

Assemblies with Adhered Membranes over Insulated Wood Deck (New, Existing or Recover)							
System No.	Deck Detail	Base Insulation	Top Insulation	Base Sheet	Ply Sheet	Cap Sheet	MDP (psf)
W-AM-1	T19/32P, L24, N6/6	-	-	Parabase Plus P fastened with 12ga x 1-1/4-inch ring shank nails and 32ga x 1-5/8-inch tin caps installed 9-inch o.c. in the laps, 9-inch o.c. in three (3) staggered rows in the field of the roll	Paradiene 20 SA self-adhered	Paradiene 30 FR TG torch adhered	-37.5¹ (Lim. 7; Non-HVHZ)
W-AM-2	T19/32P, L24, N6/6	-	-	Parabase Plus P fastened with 12ga x 1-1/4-inch ring shank nails and 32ga x 1-5/8-inch tin caps installed 9-inch o.c. in the laps, 9-inch o.c. in three (3) staggered rows in the field of the roll	Paradiene 20 SA P self-adhered	Parapro	-37.5¹ (Lim. 7; Non-HVHZ)
W-AM-3	T19/32P, L24, N6/6	Min. 1.5-inch Approved Insulation	Min. 0.5-inch SECUROCK or DensDeck Prime through fastened with Parafast at 24 per 4 ft x 8 ft board.	Irex 40 torch adhered, Torched Ply or Torched Ply2	OPTIONAL Torched Ply or Torched Ply2	Torched Cap	-67.5 (Lim. 7)
W-AM-4	T19/32P, L24, N6/6	Min. 1.5-inch Approved Insulation	Min. 0.5-inch SECUROCK through fastened with Parafast at 24 per 4 ft x 8 ft board.	Adhered Base in PA-311E or PA-311R	OPTIONAL Adhered Base in PA-311E or PA-311R	Cold Cap adhered in PA-311E or PA-311R	-67.5 (Lim. 7)
W-AM-5	T19/32P, L24, N6/6	Min. 1.5-inch Approved Insulation	Min. 0.5-inch SECUROCK through fastened with Parafast at 24 per 4 ft x 8 ft board.	Irex 40 in PA-311E	OPTIONAL Adhered Base in PA-311E or PA-311R	Cold Cap R adhered in PA-311E or PA-311R	-67.5 (Lim. 7)
W-AM-6	T19/32P, L24, N6/6	Min. 2-inch Paratherm G secured with Parafast at 24 per 4 ft x 8 ft board Alternate	DensDeck Prime installed with IA-OB applied 12-inch o.c.	Paradiene 20 SA self-adhered	OPTIONAL Torched Ply or Torched Ply2	Torched Cap	-67.5 (Lim. 7)
W-AM-7	T15/32P, L24, N6/6	Min. 1.5-inch Paratherm G secured with Parafast at 20 per 4 ft x 8 ft board Alternate	DensDeck Prime installed with IA-OB applied 12-inch o.c.	Paradiene 20 SA self-adhered	OPTIONAL Torched Ply or Torched Ply2	Torched Cap	-67.5 (Lim. 7)
W-AM-8	T15/32P, L24, N6/6	Min. 1.5-inch Paratherm G secured with Parafast at 20 per 4 ft x 8 ft board Alternate	DensDeck Prime installed with IA-OB applied 12-inch o.c.	Pro Base SA self-adhered	-	Paradiene 30 FR SA self-adhered	-67.5 (Lim. 7)
W-AM-9	T19/32P, L24, N6/6	Min. 1.5-inch Approved Insulation	Min. 0.5-inch DensDeck Prime through fastened with Parafast at 24 per 4 ft x 8 ft board.	Pro Base SA self-adhered	-	Paradiene 30 FR SA self-adhered	-67.5 (Lim. 7)

Assemblies with Adhered Membranes over Insulated Wood Deck (New, Existing or Recover)							
System No.	Deck Detail	Base Insulation	Top Insulation	Base Sheet	Ply Sheet	Cap Sheet	MDP (psf)
W-AM-10	T19/32P, L24, N6/6	Min. 1.5-inch Approved Insulation	Min. 0.5-inch <i>SECUROCK</i> through fastened with <i>Parafast</i> at 24 per 4 ft x 8 ft board.	Paradiene 20 SA self-adhered to optionally primed board with PA-1125	OPTIONAL <i>Torched Ply</i> or <i>Torched Ply2</i>	<i>Torched Cap</i>	-82.5 (Lim. 7)
W-AM-11	T19/32P, L24, N6/6	Min. 1.5-inch Approved Insulation	Min. 0.5-inch DensDeck Prime through fastened with <i>Parafast</i> at 24 per 4 ft x 8 ft board.	Paradiene 20 SA self-adhered to optionally primed board with PA-1125	OPTIONAL <i>Torched Ply</i> or <i>Torched Ply2</i>	Ternanap 1M Sand torch adhered; Min. 6-inch x 6-inch ANSI A137.1 Ceramic Tile adhered to Ternanap in Mapei Porcelain Tile Mortar	-82.5 (Lim. 7)
W-AM-12	T19/32P, L24, N6/6	Min. 1.5-inch Approved Insulation	Min. 0.5-inch DensDeck Prime through fastened with <i>Parafast</i> at 24 per 4 ft x 8 ft board.	Pro Base SA self-adhered	-	<i>Parapro</i>	-82.5 (Lim. 7)
W-AM-13	T15/32P, L24, N6/6	-	<i>DensDeck Prime</i>	Parabase Plus fastened with <i>Parafast</i> 10-inch o.c. in the laps and 10-inch o.c. in three (3) equally spaced, staggered rows in the fields of the roll	<i>Adhered Base</i> fully adhered in SFT Adhesive	Paradiene 30 FR or Paradiene 30 HT FR fully adhered in SFT Adhesive	-82.5 (Lim. 7)
W-AM-14	T15/32P, L24, N6/6	-	<i>DensDeck Prime</i>	Parabase Plus fastened with <i>Parafast</i> 10-inch o.c. in the laps and 10-inch o.c. in three (3) equally spaced, staggered rows in the fields of the roll	<i>Mopped Ply, Torched Ply</i> or <i>Torched Ply2</i>	<i>Torched Cap</i>	-82.5 (Lim. 7)
W-AM-15	T15/32P, L24, N6/6	-	<i>DensDeck Prime</i>	Parabase Plus fastened with <i>Parafast</i> 10-inch o.c. in the laps and 10-inch o.c. in three (3) equally spaced, staggered rows in the fields of the roll	<i>Parapro Hot Ply</i> or <i>Parapro Torched Ply</i>	<i>Parapro</i>	-82.5 (Lim. 7)

Notes: 1) For New and Existing decks only, no Recover

END OF REPORT